AD-A088 396 MARINE CORPS WASHINGTON DC F/G 5/9
MILITARY OCCUPATIONAL SPECIALTIES (MOSS) 1341/1349.(U)
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Date: Sept. 77

LEVEL II

(11)

HEADQUARTERS
UNITED STATES MARINE CORPS

OFFICE OF MANPOWER UTILIZATION

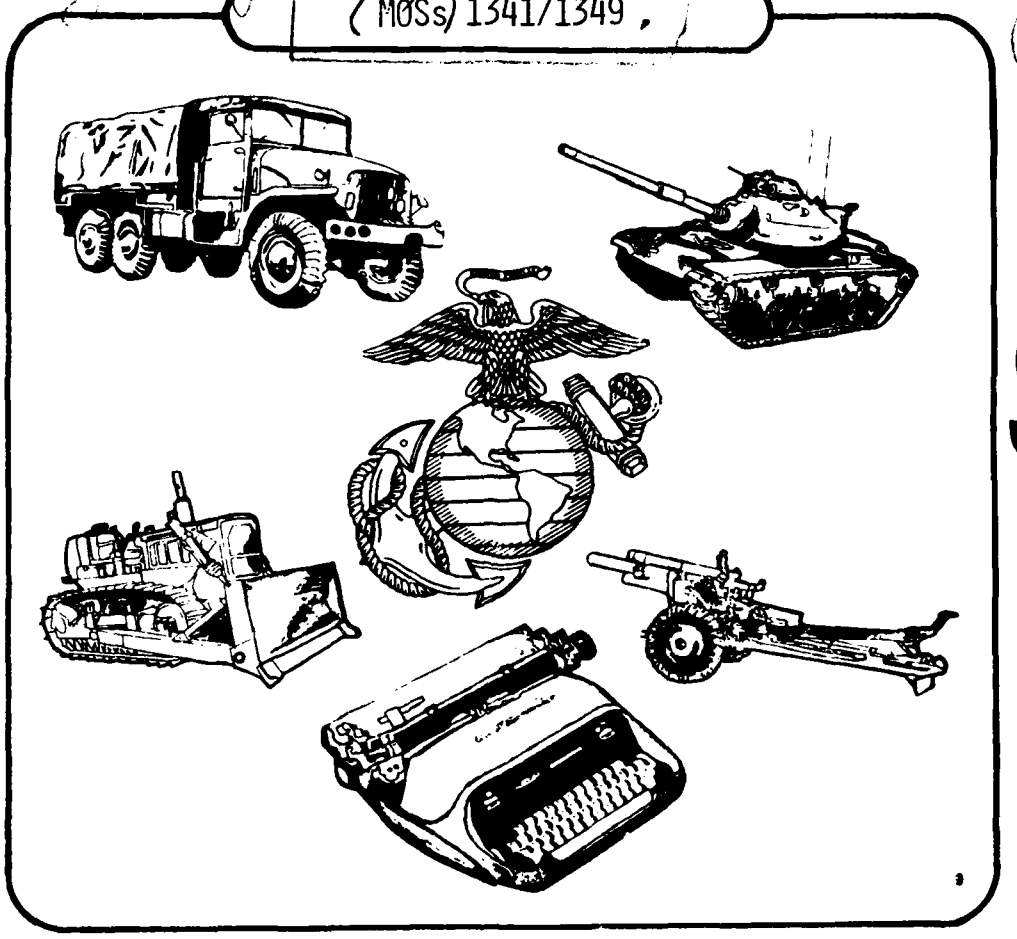
TASK ANALYSIS OF

Military Occupational Specialties

(MOSs) 1341/1349

(11) Sep 77

(12) 95



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INTRODUCTION

YOU HAVE BEEN SELECTED TO PARTICIPATE IN A STUDY ON THE BASIS OF YOUR CURRENT JOB ASSIGNMENT. THE INFORMATION YOU FURNISH WILL BE OF GREAT VALUE TO THE MARINE CORPS IN FUTURE DECISIONS ON: (1) OCCUPATIONAL FIELD STRUCTURE, (2) TRAINING, (3) CLASSIFICATION, AND (4) ASSIGNMENT POLICY.

THIS QUESTIONNAIRE WAS CONSTRUCTED FROM ON-THE-JOB OBSERVATIONS AND INTERVIEWS WITH MARINES PERFORMING DUTIES AND TASKS SIMILAR TO THOSE YOU PERFORM. IT IS DESIGNED TO DETERMINE WHAT YOU DO IN YOUR PRESENT JOB.

THIS IS NOT A TEST. NEITHER YOU, YOUR COMMANDER, NOR YOUR UNIT WILL BE EVALUATED, IN ANY WAY, ON THE INFORMATION YOU PROVIDE. YOUR INDIVIDUAL ANSWERS WILL BE HELD IN THE STRICTEST CONFIDENCE.

THE RESULTS OF THE INFORMATION YOU PROVIDE IN THIS QUESTIONNAIRE WILL BE OF BENEFIT TO YOU AND OTHER MARINES IN YOUR OCCUPATIONAL FIELD. THEREFORE PLEASE BE AS STRAIGHTFORWARD, ACCURATE AND FRANK AS POSSIBLE. ALL ANSWERS SHOULD BE BASED ON YOUR PRESENT JOB ASSIGNMENT.

THERE ARE THREE PARTS TO THE QUESTIONNAIRE:

PART I	BACKGROUND INFORMATION
PART II	JOB SATISFACTION/DISSATISFACTION STATEMENTS
PART III	TASK STATEMENTS

THERE IS NO TIME LIMIT TO COMPLETE THIS QUESTIONNAIRE.

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1. BOOK NUMBER_____ (1/ 9-12)

2. WHAT IS YOUR PRESENT REPORTING UNIT CODE (RUC)? (1/13-17)

_____

3. SOCIAL SECURITY NUMBER _____ (1/18-26)

4. RANK (1/27)

1. PVT
2. PFC
3. LCPL
4. CPL
5. SGT
6. SSGT
7. GYSGT
8. MSGT
9. MGYSGT

5. SEX (1/28)

1. MALE

2. FEMALE

6. PRIMARY MOS _____ (1/29-32)

7. 1ST ADDITIONAL MOS _____ (1/33-36)

8. BILLET/DUTY MOS _____ (1/37-40)

9. WHAT IS THE TOTAL TIME YOU HAVE IN:

1. THE U.S. MARINE CORPS _____ (YEARS) (1/41-42)

2. YOUR PRIMARY MOS _____ (YEARS) (1/43-44)

3. YOUR CURRENT ASSIGNMENT/BILLET _____ (MONTHS) (1/45-46)

QUESTION #10 DELETED

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11. AT WHAT LEVEL OF COMMAND ARE YOU PRESENTLY WORKING? (1/47-48)

1. HQ FMFLANT/PAC
2. SEPARATE BATTALION
3. HQ MAF/MAB
4. SQUADRON
5. HQ DIVISION
6. COMPANY
7. HQ WING
8. SEPARATE COMPANY
9. HQ BRIGADE
10. DETACHMENT
11. REGIMENT
12. SUB-UNIT
13. AIRCRAFT GROUP
14. OTHER (INDICATE ON PAGE92)
15. BATTALION

12. MY PRESENT GEOGRAPHICAL LOCATION IS: (1/49)

1. HEADQUARTERS U.S. MARINE CORPS
2. EAST COAST OF THE UNITED STATES
3. MIDWEST AREA OF THE UNITED STATES
4. WEST COAST OF THE UNITED STATES
5. HAWAII
6. JAPAN/OKINAWA
7. OTHER (INDICATE ON PAGE_92)

13. WHAT IS THE HIGHEST LEVEL OF CIVILIAN EDUCATION YOU HAVE COMPLETED? (TO INCLUDE GED CREDIT) (1/50)

1. LESS THAN HIGH SCHOOL GRADUATE
2. HIGH SCHOOL GRADUATE
3. 1 YEAR COLLEGE
4. 2 YEARS COLLEGE
5. 2 YEARS COLLEGE WITH ASSOCIATE DEGREE
6. 3 YEARS COLLEGE
7. 4 YEARS COLLEGE WITH DEGREE

14. HOW DID YOU RECEIVE YOUR PRIMARY MOS? (SELECT ONE OR MORE)

1. SCREENED FOR TALENT OR CIVILIAN ACQUIRED SKILL (1/51)
2. ON THE JOB TRAINING (OJT) (1/52)
3. COMPLETION OF SERVICE SCHOOL OR COURSE (1/53)
4. RETRAINING FROM OTHER MOS (1/54)
5. LATERAL MOVE UPON REENLISTMENT (1/55)
6. DIRECTED RECLASSIFICATION (1/56)
7. PROMOTION OR REDUCTION IN GRADE (1/57)

15. WHAT TYPE OF TRAINING DID YOU RECEIVE TO PREPARE YOU FOR YOUR PRESENT JOB? (SELECT ONE OR MORE)

1. ON THE JOB TRAINING (1/58)
2. COMMAND OR UNIT SPONSORED SCHOOL (1/59)
3. FORMAL SERVICE SCHOOL (1/60)
4. CIVILIAN SCHOOLING (1/61)
5. CIVILIAN EXPERIENCE (1/62)
6. CORRESPONDENCE COURSE(S) (1/63)
7. HAVE NOT RECEIVED ANY TRAINING (1/64)

16. WHICH OF THE FOLLOWING BEST DESCRIBES THE PERCENT OF TIME YOU SPEND PER MONTH ON NON-MOS TASKS? (SUCH AS, GENERAL MILITARY TRAINING, DUTIES, INSPECTIONS, DETAILS AND CEREMONIES) (1/65)

1. LESS THAN 5%
2. 6% TO 10%
3. 11% TO 15%
4. 16% TO 25%
5. 26% TO 50%
6. OVER 50%

QUE
QUESTION # [illegible] [illegible]

18. MY PRESENT BILLET TITLE IS BEST DESCRIBED AS: (SELECT ONLY ONE) (1/66-67)

1. ENGINEER EQUIPMENT MECHANIC
2. ENGINEER EQUIPMENT CHIEF
3. EQUIPMENT MECHANIC
4. MAINTENANCE NCO
5. ENGINEER EQUIPMENT MAINTENANCE CHIEF
6. MAINTENANCE MANAGEMENT NCO
7. REPAIR CONTROL SUPERVISOR
8. CONSTRUCTION EQUIPMENT REPAIR SECTION NCOIC
9. ENGINEER EQUIPMENT INSPECTOR
10. ENGINEER EQUIPMENT OPERATIONS CHIEF

2B

11. ENGINEER EQUIPMENT SUPPLY/ADMIN

12. ENGINEER EQUIPMENT OPERATIONS FOREMAN

13. PLATOON SGT

14. OPERATIONS CHIEF

15. SECTION LEADER

16. MAINTENANCE CHIEF

17. UNIT LEADER NCOIC

18. SECTION SGT

19. ENGINEER SERVICE SUPPORT CHIEF

20. AMPHIBIOUS CARGO MECHANIC

21. ASSISTANT SCHEDULING NCO

22. AUTO MECHANIC

23. AUTO MECHANIC/DRIVER

24. AUTO MECHANIC/WRECKER DRIVER

25. BODY REPAIR

26. EQUIPMENT RECORDS CLERK

27. FUEL AND ELECTRICAL SYSTEM REPAIRMAN

28. FUEL AND ELECTRICAL REPAIRMAN

29. HEAVY BODY REPAIRMAN

30. LUBE NCO

31. MAINTENANCE CHIEF/SECTION LEADER

32. MAINTENANCE CONTROL CHIEF

33. MAINTENANCE NCO

34. MAINTENANCE SUPPORT CHIEF

35. MOTOR TRANSPORT INSPECTOR

36. ORGANIZATIONAL AUTO MECHANIC

37. QUALITY CONTROL SUPERVISOR

38. REPAIR CONTROL CLERK

39. SERVICE STATION ATTENDANT

40. VEHICLE RECOVERY MAN

41. WRECKER OPERATOR

42. OTHER (INDICATE ON PAGE 92)

19. HOW MANY PERSONNEL DO YOU DIRECTLY SUPERVISE ON <u>MOS RELATED DUTIES</u>? (1/68)

1. NONE

2. 1-5

3. 6-10

4. MORE THAN 10

20. IN YOUR PRESENT JOB, WHAT IS THE HIGHEST ECHELON OF MAINTENANCE YOU PERFORM? (1/69)

1. 1ST ECHELON

2. 2D ECHELON

3. 2ND ECHELON LIMITED 3RD

4. 3D ECHELON

5. 3RD ECHELON LIMITED 4TH

6. 4TH ECHELON

7. 5TH ECHELON

21. WHAT PERCENT OF YOUR TIME IS SPENT IN <u>MAINTENANCE RELATED ADMINISTRATIVE DUTIES</u>? (1/70)

1. LESS THAN 10%

2. 11% TO 25%

3. 26% TO 50%

4. 51% TO 75%

5. MORE THAN 75%

22. IN YOUR OPINION, SHOULD A PRIMARY MOS BE ESTABLISHED TO IDENTIFY A MAINTENANCE ADMINISTRATIVE CLERK? (1/71)

1. YES

2. NO

3. NO OPINION

23. WHICH OF THE FOLLOWING MOS RELATED SCHOOLS OR COURSES HAVE YOU COMPLETED?(SELECT ONE OR MORE)

1. MOTOR TRANSPORT SNCO LEADERSHIP COURSE, CAMP LEJEUNE (1/72)

2. ADVANCED AUTO MECHANIC/MAINTENANCE NCO COURSE, CAMP LEJEUNE (1/73)

3. SPECIAL MULTIFUEL ENGINE COURSE, CAMP LEJEUNE (1/74)

4. FUEL AND ELECTRICAL SYSTEMS REPAIR COURSE, ABERDEEN, MD. (1/75)

5. BASIC AUTO MECHANIC COURSE, CAMP LEJEUN (1/76)

6. ARTILLERY TRACK VEHICLE MAINTENANCE SCHOOL, FORTSILL, OKLA. (1/77)

7. TRACKED VEHICLE REPAIRMAN, AMPHIBIAN VEHICLE COURSE, CAMP PENDLETON (1/78)

8. TRACKED VEHICLE REPAIRMAN COURSE, SELF-PROPELLED ARTILLERY COURSE, ABERDEEN MD. (1/79)

9. TRACKED VEHICLE REPAIRMAN, TANK COURSE, ABERDEEN, MD. (2/ 1)

10. ENGINEER EQUIPMENT CHIEF COURSE, CAMP LEJEUNE (2/ 2)

11. ENGINEER EQUIPMENT MAINTENANCE COURSE, FORT BELVOIR, VA. (2/ 3)

12. ENGINEER EQUIPMENT MECHANIC SCHOOL, CAMP LEJEUNE (2/ 4)

13. JOURNEYMAN ENGINEER EQUIPMENT MECHANIC COURSE, CAMP LEJEUNE (2/ 5)

14. SMALL ARMS REPAIR COURSE, ABERDEEN, MD. (2/ 6)

15. ARTILLERY REPAIR SCHOOL, ABERDEEN, MD. (2/ 7)

16. TURRET REPAIRMAN SCHOOL, ABERDEEN, MD. (2/ 8)

17. FIRE CONTROL INSTRUMENT REPAIR COURSE, ABERDEEN, MD. (2/ 9)

18. OFFICE MACHINE REPAIR SCHOOL, FORT LEE, VA. (2/10)

19. BASIC METAL WORKERS COURSE, CAMP LEJEUNE (2/11)

20. JOURNEYMAN METAL WORKERS COURSE, CAMP LEJEUNE (2/12)

21. MACHINERY REPAIRMAN COURSE, CLASS A. N.T.C., SAN DIEGO, CA. (2/13)

22. MACHINIST COURSE, ABERDEEN, MD. (2/14)

23. METAL BODY REPAIR COURSE, ABERDEEN MD. (2/15)

24. MARINE INTERGRATED MAINTENANCE MANAGEMENT COURSE, ALBANY, GA. (2/16)

25. AUTOMOTIVE ENGINE MAINTENANCE AND REPAIR COURSE (MCI) (2/17)

26. AUTOMOTIVE POWER TRAINS COURSE (MCI) (2/18)

27. FUNDAMENTALS OF DIESEL ENGINES COURSE (MCI) (2/19)

28. GM SERIES 71 DIESEL ENGINES COURSE (MCI) (2/20)

29. BASIC ENGINEER EQUIPMENT MECHANIC COURSE (MCI) (2/21)

30. METALWORKING AND WELDING OPERATIONS COURSE (MCI) (2/22)

31. ENGINEER EQUIPMENT MECHANIC COURSE (MCI) (2/23)

32. REPAIR AND MAINTENANCE OF CREW-SERVED WEAPONS COURSE (MCI) (2/24)

33. ARMORY PROCEDURES COURSE (MCI) (2/25)

34. INSPECTION AND REPAIR OF SHOULDER WEAPONS COURSE (MCI) (2/26)

35. OTHER (INDICATE ON PAGE _92_) (2/27)

24. DO YOU PERFORM MAINTENANCE ON COMMERCIAL VEHICLES? (2/28)

1. YES

2. NO

25. IF THE ANSWER TO THE ABOVE QUESTION IS YES, SELECT THE AMOUNT OF TIME YOU SPEND PERFORMING MAINTENANCE ON COMMERCIAL VEHICLES? (2/29)

1. LESS THAN 10%

2. 11% TO 25%

3. 26% TO 50%

4. 51% TO 75%

5. MORE THAN 75%

26. SELECT THE VEHICLES/EQUIPMENT YOU PERFORM MAINTENANCE ON IN YOUR PRESENT JOB AND RATE THE TIME SPENT REPAIRING OR SERVICING EACH TYPE VEHICLE/EQUIPMENT.

USE THE FOLLOWING SCALE TO RATE EACH VEHICLE
1 VERY LITTLE
2 BELOW AVERAGE
3 SLIGHTLY BELOW AVG
4 AVERAGE
5 SLIGHTLY ABOVE AVG
6 ABOVE AVERAGE
7 VERY MUCH

1.	1/4 TON UTILITY TRUCK	1 2 3 4 5 6 7	(2/30)
2.	1/2 TON PLATFORM UTILITY TRUCK (MULE)	1 2 3 4 5 6 7	(2/31)
3.	1 1/4 TON CARGO TRUCK	1 2 3 4 5 6 7	(2/32)
4.	2 1/2 TON CARGO TRUCK	1 2 3 4 5 6 7	(2/33)
5.	5 TON CARGO TRUCK	1 2 3 4 5 6 7	(2/34)
6.	5 TON WRECKER	1 2 3 4 5 6 7	(2/35)
7.	5 TON TRACTOR TRUCK	1 2 3 4 5 6 7	(2/36)
8.	10 TON TRACTOR TRUCK	1 2 3 4 5 6 7	(2/37)
9.	3 1/2 TON CHASSIS TRAILER	1 2 3 4 5 6 7	(2/38)
10.	6 TON STAKE SEMI-TRAILER	1 2 3 4 5 6 7	(2/39)

11.	12 TON STAKE SEMI-TRAILER	1 2 3 4 5 6 7	(2/40)
12.	25 TON LOWBED SEMI-TRAILER	1 2 3 4 5 6 7	(2/41)
13.	65 TON SEMI-TRAILER	1 2 3 4 5 6 7	(2/42)
14.	5000 GAL FUEL SERVICING TANK SEMI-TRAILER	1 2 3 4 5 6 7	(2/43)
15.	400 GAL WATER TRAILER	1 2 3 4 5 6 7	(2/44)
16.	1/4 TON AMPHIBIOUS CARGO TRAILER	1 2 3 4 5 6 7	(2/45)
17.	3/4 TON CARGO TRAILER	1 2 3 4 5 6 7	(2/46)
18.	1 1/2 TON CARGO TRAILER	1 2 3 4 5 6 7	(2/47)
19.	2 1/2 TON UTILITY TRAILER	1 2 3 4 5 6 7	(2/48)
20.	3/4 TON FLATBED TRAILER	1 2 3 4 5 6 7	(2/49)
21.	6 TON DOLLY TRAILER CONVERTER	1 2 3 4 5 6 7	(2/50)
22.	8 TON DOLLY TRAILER CONVERTER	1 2 3 4 5 6 7	(2/51)
23.	15 TON DOLLY TRAILER CONVERTER	1 2 3 4 5 6 7	(2/52)
24.	ROLLER, PNEUMATIC TIRED, WILLIAM BROS 67W	1 2 3 4 5 6 7	(2/53)
25.	ROLLER, TOWED GRID, MOD RG-215	1 2 3 4 5 6 7	(2/54)
26.	ROLLER, TOWED, SHEEPS FOOT MD96	1 2 3 4 5 6 7	(2/55)
27.	SAW, RADIAL, OVERARM, WOODWORKING, TLR MTD	1 2 3 4 5 6 7	(2/56)
28.	SAW, CHAIN	1 2 3 4 5 6 7	(2/57)
29.	SCRAPER, EARTH MOVING, TOWED, CABLE OPERATED	1 2 3 4 5 6 7	(2/58)

30.	SCRAPER, EARTH MOVING, TOWED, H82, M62	1 2 3 4 5 6 7	(2/59)
31.	TRACTOR, RUBBER TIRED, M-580	1 2 3 4 5 6 7	(2/60)
32.	TRACTOR, FULL TRKD, SMALL W/BULLGRADER	1 2 3 4 5 6 7	(2/61)
33.	TRACTOR, MRS I-110	1 2 3 4 5 6 7	(2/62)
34.	TRACTOR, INDUST, MRS-200	1 2 3 4 5 6 7	(2/63)
35.	TRACTOR, MED, FULL TRKD, TEREX EUCLID M82 - 30M	1 2 3 4 5 6 7	(2/64)
36.	TRACTOR, FULL TRKD W/MULTIPURPOSE BUCKET	1 2 3 4 5 6 7	(2/65)
37.	TRACTOR, RUBBER TIRED, ARTIC'D STEER INDUST	1 2 3 4 5 6 7	(2/66)
38.	TRACTOR, WHEELED, INDUST, MRS 100	1 2 3 4 5 6 7	(2/67)
39.	TRUCK, FORKLIFT, ROUGH TERRAIN, 6000LB CAP	1 2 3 4 5 6 7	(2/68)
40.	TRUCK, FORKLIFT, ROUGH TERRAIN, 4000LB CAP	1 2 3 4 5 6 7	(2/69)
41.	CLEANER, STEAM PRESSURE JET, TRL MTD	1 2 3 4 5 6 7	(2/70)
42.	COMPRESSOR, 315CFM,SCHRAMM	1 2 3 4 5 6 7	(2/71)
43.	COMPRESSOR, 250CFM, TLR MTD	1 2 3 4 5 6 7	(2/72)
44.	COMPRESSOR, 600CFM, TLR MTD	1 2 3 4 5 6 7	(2/73)
45.	CRANE, PETTIBONE 7 1/2 TON	1 2 3 4 5 6 7	(2/74)
46.	CRANE, HYDRAULIC, CASE 30 TON	1 2 3 4 5 6 7	(2/75)
47.	CRANE, 25T, CRAWLER, 43' BOOM	1 2 3 4 5 6 7	(2/76)
48.	CRANE, SHOVEL, CRAWLER MTD, BAY CITY M37	1 2 3 4 5 6 7	(2/77)

49.	CRANE, SHOVEL, CRAWLER MTD, KOEHRING M2NM62	1 2 3 4 5 6 7	(2/78)
50.	CRANE, TRK MTD, MOD 315, 15T	1 2 3 4 5 6 7	(2/79)
51.	CRANE, WHL MTD, 3T, M65	1 2 3 4 5 6 7	(3/ 1)
52.	FLOODLIGHT SER, ELEC, ESSEX, MOD A265	1 2 3 4 5 6 7	(3/ 2)
53.	GEN SET, 3KW, 63HZ, SKID MTD	1 2 3 4 5 6 7	(3/ 3)
54.	GEN SET, 3KW, 400HZ, SKID MTD	1 2 3 4 5 6 7	(3/ 4)
55.	GEN SET, 5KW, 60HZ, PU667/G, DED, SKID MTD	1 2 3 4 5 6 7	(3/ 5)
56.	GEN SET, 5KW, 400HZ, PU668/GDE, SKID MTD	1 2 3 4 5 6 7	(3/ 6)
57.	GEN SET, 45KW, 60HZ, PU710/G, SKID MTD	1 2 3 4 5 6 7	(3/ 7)
58.	GEN SET, 60KW, 60HZ, PU712/G, SKID MTD	1 2 3 4 5 6 7	(3/ 8)
59.	GRADER, ROAD MOTORIZED	1 2 3 4 5 6 7	(3/ 9)
60.	LIGHT SET, GEN ILLUMINATION, LARGE	1 2 3 4 5 6 7	(3/10)
61.	PUMP ASS'BLY, EXPED REFUELER, 50GPM	1 2 3 4 5 6 7	(3/11)
62.	PUMP, ROTARY DEEP WELL	1 2 3 4 5 6 7	(3/12)
63.	PUMP, RECIPROCATING, MARLOW, MUD-HOG	1 2 3 4 5 6 7	(3/13)
64.	PUMP, RECIPROCATING, PWR DRIVEN, DIAPHRAGM,	1 2 3 4 5 6 7	
65.	SKID MTD		(3/14)
66.	PUMP SET, 55GPM, 50 FT HD	1 2 3 4 5 6 7	(3/15)
67.	BOAT, BRIDGE	1 2 3 4 5 6 7	(3/16)

68. MOT[illegible], [illegible]	1 2 3 4 5 6 7	(3/17)
69. MACHINE, WELDING LM-62	1 2 3 4 5 6 7	(3/18)
70. WELDING SET, INERT GAS	1 2 3 4 5 6 7	(3/19)
71. CRUSHER, ROCK, 75 TONS PER HOUR	1 2 3 4 5 6 7	(3/20)

PART II SPECIAL INSTRUCTIONS

1. PART II CONTAINS SOME STATEMENTS ABOUT YOUR PRESENT JOB. THE STATEMENTS MAY OR MAY NOT BE COMPLETELY TRUE STATEMENTS ABOUT YOUR PRESENT JOB.

2. SHOW HOW MUCH EACH STATEMENT TELLS THE TRUTH ABOUT YOUR PRESENT JOB, BY CIRCLING ONE OF THE NUMBERS, FROM 1 TO 7, THAT APPEAR AT THE RIGHT OF EACH STATEMENT.

FOR EXAMPLE: IF YOU THINK A STATEMENT IS COMPLETELY FALSE, YOU SHOULD CIRCLE THE 1. ON THE OTHER HAND, IF YOU THINK A STATEMENT IS COMPLETELY TRUE, YOU SHOULD CIRCLE THE 7. THE NUMBERS BETWEEN 1 AND 7 HAVE BEEN GIVEN MEANINGS THAT ARE SHOWN AT THE TOP OF THE PAGE.

3. BE SURE TO ANSWER EVERY STATEMENT.

TURN TO THE NEXT PAGE AND BEGIN PART II

PLEASE INDICATE THE EXTENT TO WHICH YOU AGREE OR DISAGREE WITH THE FOLLOWING STATEMENTS ABOUT YOUR PRESENT JOB

DO YOU AGREE

1 ABSOLUTELY DISAGREE
2 DISAGREE
3 TEND TO DISAGREE
4 DO NOT KNOW
5 TEND TO AGREE
6 AGREE
7 ABSOLUTELY AGREE

1	I AM PAID ENOUGH FOR THE WORK I DO.	1	2	3	4	5	6	7	3/21
2	MY SUPERVISOR HELPS ME WHEN I NEED IT.	1	2	3	4	5	6	7	3/22
3	I THINK I WILL GET A FAIR CHANCE AT PROMOTION.	1	2	3	4	5	6	7	3/23
4	I AM TREATED WITH RESPECT.	1	2	3	4	5	6	7	3/24
5	MY SUPERVISOR LETS ME KNOW HOW I AM DOING.	1	2	3	4	5	6	7	3/25
6	I LIKE MY WORKING HOURS.	1	2	3	4	5	6	7	3/26
7	I GET THE CHANCE TO PROVE MYSELF.	1	2	3	4	5	6	7	3/27
8	I LIKE THE WORKING WITH THE PEOPLE I WORK.	1	2	3	4	5	6	7	3/28
9	MY JOB IS IMPORTANT.	1	2	3	4	5	6	7	3/29
10	THE RULES AND REGULATIONS ARE FAIR.	1	2	3	4	5	6	7	3/30
11	I AM GIVEN ENOUGH RESPONSIBILITY AND INDEPENDENCE.	1	2	3	4	5	6	7	3/31
12	MY JOB LETS ME HAVE AN ENJOYABLE OFF-DUTY LIFE.	1	2	3	4	5	6	7	3/32
13	I AM PROUD OF MY JOB.	1	2	3	4	5	6	7	3/33
14	I LIKE THE TYPE OF WORK I DO.	1	2	3	4	5	6	7	3/34

15 I AM TREATED FAIRLY.	1 2 3 4 5 6 7	3/35
16 MY JOB GIVES ME A WAY TO IMPROVE MYSELF.	1 2 3 4 5 6 7	3/36
17 MY JOB MAKES GOOD USE OF MY ABILITY.	1 2 3 4 5 6 7	3/37
18 I AM KEPT WELL-INFORMED.	1 2 3 4 5 6 7	3/38
19 MY SUPERVISOR TRUSTS ME TO DO MY JOB WELL.	1 2 3 4 5 6 7	3/39
20 I CAN DEPEND ON THE OTHER MARINES WHERE I WORK.	1 2 3 4 5 6 7	3/40
21 MY SUPERVISOR IS GOOD AT HIS JOB.	1 2 3 4 5 6 7	3/41
22 MY FAMILY IS PLEASED THAT I AM A MARINE.	1 2 3 4 5 6 7	3/42
23 OVERALL, I HAVE BEEN SATISFIED WITH MY PRESENT JOB.	1 2 3 4 5 6 7	3/43
24 OVERALL, I HAVE BEEN SATISFIED WITH THE MARINE CORPS.	1 2 3 4 5 6 7	3/44

PART III SPECIAL INSTRUCTIONS

1. AS YOU READ EACH TASK IN THIS SECTION, PAGES 24 THROUGH 86 , PLACE A CHECKMARK IN THE COLUMN HEADED "CHECK IF DONE" FOR EACH TASK THAT YOU PERFORM IN YOUR PRESENT JOB. THE TASKS ARE NOT IN ANY PATTERN AND SIMILAR TASKS MAY SHOW UP SEVERAL PAGES APART. DO NOT CHECK THE TASKS THAT SEEM CLOSE TO THOSE YOU PERFORM BUT WAIT FOR THOSE THAT TELL EXACTLY WHAT YOU DO. IF YOU CHECK A TASK THAT IS CLOSE TO WHAT YOU DO AND THEN FIND THE EXACT TASK LATER, ERASE THE ONE PREVIOUSLY CHECKED. ACCURACY COUNTS.

2. DO NOT COMPLETE THE TIME SPENT PERFORMING COLUMN AT THIS TIME. THE REASON WE ASK YOU TO CHECK ONE COLUMN AT A TIME IS THAT IT PROVIDES MORE ACCURATE AND VALID INFORMATION.

3. IF A TASK THAT YOU PERFORM IS NOT LISTED ANYWHERE, WRITE IT ON PAGE NUMBER 91.

4. REMEMBER, AT THIS TIME YOU ARE TO COMPLETE ONLY THE COLUMN HEADED "CHECK IF DONE" FOR PAGES 24 THROUGH 86 , NOW TURN TO PAGE 24 AND BEGIN.

TIME SPENT

IF CHECKED	1 VERY LITTLE
	2 BELOW AVERAGE
	3 SLIGHTLY BELOW AVG
	4 AVERAGE
	5 SLIGHTLY ABOVE AVG
	6 ABOVE AVERAGE
	7 VERY MUCH

PERFORM MAINTENANCE MANAGEMENT DUTIES

1 SUPERVISE PERSONNEL PERFORMING MAINTENANCE MANAGEMENT DUTIES	1 2 3 4 5 6 7	3/45
2 INSTRUCT/TRAIN PERSONNEL PERFORMING MAINTENANCE MANAGEMENT DUTIES	1 2 3 4 5 6 7	3/46
3 MONITOR MAINTENANCE TECHNICAL TRAINING PROGRAM	1 2 3 4 5 6 7	3/47
4 MONITOR MAINTENANCE SAFETY PROGRAM	1 2 3 4 5 6 7	3/48
5 PREPARE SAFETY INSPECTION CHECKLIST	1 2 3 4 5 6 7	3/49
6 SUPERVISE MAINTENANCE SAFETY PROGRAM	1 2 3 4 5 6 7	3/50
7 PREPARE BUDGET ESTIMATES FOR MAINTENANCE ACTIVITY	1 2 3 4 5 6 7	3/51
8 MONITOR THE FINANCIAL STATUS OF MAINTENANCE ACTIVITY	1 2 3 4 5 6 7	3/52
9 SELECT TACTICAL SITE TO SUPPORT MAINTENANCE ACTIVITY	1 2 3 4 5 6 7	3/53
10 SELECT LAYOUT OF TACTICAL MAINTENANCE AREA FACILITIES AND SHOPS	1 2 3 4 5 6 7	3/54
11 DESIGN MAINTENANCE SHOP LAYOUT FOR WORKFLOW/PAPERFLOW	1 2 3 4 5 6 7	3/55

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12 [illegible]	1 2 [illegible] 4 5 6 7	3/56
13 SUBMIT RECOM[illegible] TO THE UNIT T/E	1 2 3 4 5 6 7	3/57
14 REVIEW RECOMMENDED CHANGES TO THE UNIT TABLE OF ALLOWANCE T/A FOR PUBLICATION	1 2 3 4 5 6 7	3/58
15 SUBMIT RECOMMENDED CHANGES TO THE UNIT T/A FOR PUBLICATION	1 2 3 4 5 6 7	3/59
16 MAINTAIN PUBLICATIONS CONTROL SYSTEM TO REFLECT AUTHORIZED MAINTENANCE PUBLICATIONS	1 2 3 4 5 6 7	3/60
17 MONITOR INTERNAL DISTRIBUTION OF MAINTENANCE PUBLICATIONS TO UNITS TECHNICAL LIBRARY	1 2 3 4 5 6 7	3/61
18 MAINTAIN PUBLICATIONS IN A TECHNICAL LIBRARY	1 2 3 4 5 6 7	3/62
19 REQUISITION TECHNICAL PUBLICATIONS	1 2 3 4 5 6 7	3/63
20 ISSUE TECHNICAL PUBLICATIONS TO MAINTENANCE PERSONNEL	1 2 3 4 5 6 7	3/64
21 PREPARE MAINTENANCE RELATED CORRESPONDENCE	1 2 3 4 5 6 7	3/65
22 PREPARE INPUT TO MAINTENANCE AND READINESS EVALUATION SYSTEM [illegible]	1 2 3 4 5 6 7	3/66
23 MONITOR MARES [illegible] FOR VALIDITY OF INPUT	1 2 3 4 5 6 7	3/67
24 REVIEW MARES REPORT FOR STATUS/PROGRESSION THROUGH MAINTENANCE/SUPPLY PROCESS	1 2 3 4 5 6 7	3/68
25 PREPARE INPUT TO AUTOMATED INFORMATION SYSTEM (AIS) REPORT	1 2 3 4 5 6 7	3/69
26 MONITOR AIS REPORT FOR VALIDITY OF INPUT	1 2 3 4 5 6 7	3/70
27 REVIEW AIS REPORT FOR STATUS/PROGRESSION THROUGH MAINTENANCE/SUPPLY PROCESS	1 2 3 4 5 6	3/71
28 MONITOR INPUT TO THE MARINE CORPS INTEGRATED MAINTENANCE MANAGEMENT SYSTEM (IMMS)	1 2 3 4 5 6 7	3/72
29 PREPARE TACTICAL EQUIPMENT REPAIR ORDER (ERO)	1 2 3 4 5 6 7	3/73

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	TIME SPENT (CHECK FOR DONE) 1 VERY LITTLE, 2 BELOW AVERAGE, 3 SLIGHTLY BELOW AVG, 4 AVERAGE, 5 SLIGHTLY ABOVE AVG, 6 ABOVE AVERAGE, 7 VERY MUCH	
30 RECORD MAINTENANCE PERFORMED AND REPAIR PARTS USED ON TACTICAL EQUIPMENT REPAIR ORDER (ERO)	1 2 3 4 5 6 7	3/74
31 REVIEW ERO FOR CORRECTNESS AND COMPLETENESS	1 2 3 4 5 6 7	3/75
32 MONITOR ERO FOR PROGRESSION THROUGH MAINTENANCE/SUPPLY PROCESS	1 2 3 4 5 6 7	3/76
33 CLOSE OUT ERO	1 2 3 4 5 6 7	3/77
34 PREPARE ERO SHOPPING LIST	1 2 3 4 5 6 7	3/78
35 MONITOR PREVENTIVE MAINTENANCE PROGRAM	1 2 3 4 5 6 7	3/79
36 MONITOR MODIFICATION PROGRAMS	1 2 3 4 5 6 7	4/ 1
37 MONITOR CALIBRATION PROGRAMS	1 2 3 4 5 6 7	4/ 2
38 MONITOR CORRECTIVE MAINTENANCE PROGRAM	1 2 3 4 5 6 7	4/ 3
39 MONITOR OPERATIONAL READINESS FLOAT PROGRAM	1 2 3 4 5 6 7	4/ 4
40 VERIFY COMPLETION OF EROS AND ACCOMPANYING RECORDS FOR EQUIPMENT BEING INDUCTED INTO REPAIR ACTIVITY	1 2 3 4 5 6 7	4/ 5
41 PROCESS EQUIPMENT TO FLOAT, EVACUATION AND WASHOUT IN LIEU OF REPAIR	1 2 3 4 5 6 7	4/ 6
42 PREPARE FORMS NECESSARY FOR EVACUATION, FLOAT AND WASHOUT IN LIEU OF REPAIR	1 2 3 4 5 6 7	4/ 7
43 VERIFY ENTRIES IN SHOP RECORDS UPON COMPLETION OF MAINTENANCE	1 2 3 4 5 6 7	4/ 8

44	VERIFY ENTRI[illegible] EQUIPMENT RECORDS UPON COMPLETION OF MAINTENANCE	1 2 3 4 5 6 7	4/ 9
45	MANAGE QUALI[illegible] AND CONTROL PROGRAMS	1 2 3 4 5 6 7	4/10
46	MONITOR CONTROL[illegible] ITEMS PROGRAM	1 2 3 4 5 6 7	4/11
47	PREPARE RECOVERABLE ITEMS REPORT (RIR)	1 2 3 4 5 6 7	4/12
48	NOMINATE FOR EVACUATION, EQUIPMENT WHICH MEETS ESTABLISHED CRITERIA FOR REPLACEMENT AND EVACUATION PROGRAM (R&E)	1 2 3 4 5 6 7	4/13
49	PREPARE REPLACEMENT AND EVACUATION REPORT (R&E)	1 2 3 4 5 6 7	4/14
50	MONITOR ADMINISTRATIVE DEADLINE PROGRAM	1 2 3 4 5 6 7	4/15
51	MONITOR MAINTENANCE RECORDS AND REPORTING PROCEDURES FOR GARRISON MOBILE EQUIPMENT	1 2 3 4 5 6 7	4/16
52	COORDINATE MAINTENANCE RELATED INPUT TO CONTINGENCY PLANNING	1 2 3 4 5 6 7	4/17
53	PREPARE MAINTENANCE MANAGEMENT INSPECTION PLANS	1 2 3 4 5 6 7	4/18
54	CONDUCT UNIT MAINTENANCE MANAGEMENT INSPECTIONS	1 2 3 4 5 6 7	4/19
55	ASSIST UNITS IN CORRECTION OF MAINTENANCE MANAGEMENT PROBLEMS	1 2 3 4 5 6 7	4/20
56	MONITOR SUBMISSION OF UNSATISFACTORY EQUIPMENT REPORTS (UER)	1 2 3 4 5 6 7	4/21
57	PREPARE UNSERVICEABLE EQUIPMENT REPORT (UER)	1 2 3 4 5 6 7	4/22
58	MONITOR SUBMISSION OF QUALITY/RELIABILITY REPORT (QRR)	1 2 3 4 5 6 7	4/23
59	PREPARE QUALITY/RELIABILITY REPORT (QRR) FOR REBUILT EQUIPMENT	1 2 3 4 5 6 7	4/24
60	COORDINATE SUPPLY SUPPORT OF REPAIR ACTIVITY WITH SUPPLY MANAGERS	1 2 3 4 5 6 7	4/25
61	MANAGE MAINTENANCE SHOP SUPPLY FUNCTIONS	1 2 3 4 5 6 7	4/26

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62 SCREEN REPAIR PARTS REQUISITIONS FOR ACCURACY	1 2 3 4 5 6 7	4/27
63 PREPARE REQUISITIONS FOR REPAIR PARTS	1 2 3 4 5 6 7	4/28
64 PREPARE REQUISITIONS FOR SHOP EQUIPMENT AND SPECIAL TOOLS	1 2 3 4 5 6 7	4/29
65 INITIATE FOLLOW UP ACTION ON REPAIR PARTS REQUISITIONS	1 2 3 4 5 6 7	4/30
66 CONTROL ISSUES FROM PARTS LAYETTES	1 2 3 4 5 6 7	4/31
67 CONTROL ISSUE OF REPAIR PARTS	1 2 3 4 5 6 7	4/32
68 STOCK PREEXPENDABLE BINS	1 2 3 4 5 6 7	4/33
69 COMPLETE CONSOLIDATED MEMO RECEIPT (CMR) TO ACCOUNT FOR INVENTORY OF SHOP EQUIPMENT	1 2 3 4 5 6 7	4/34
70 ESTABLISH PROCEDURES FOR CONTROL OF TOOLS AND TEST EQUIPMENT	1 2 3 4 5 6 7	4/35
71 PREPARE FORMS NECESSARY FOR DISPOSAL OF EXCESS AND UNSERVICEABLE SHOP EQUIPMENT	1 2 3 4 5 6 7	4/36
72 ASSIST IN PREPARATION OF SOP FOR MAINTENANCE MANAGEMENT	1 2 3 4 5 6 7	4/37
73 PREPARE SOP FOR MAINTENANCE MANAGEMENT	1 2 3 4 5 6 7	4/38
74 ADVISE IN PREPARATION OF SOP FOR MAINTENANCE MANAGEMENT	1 2 3 4 5 6 7	4/39
75 MONITOR THE PREPARATION OF SOP FOR MAINTENANCE MANAGEMENT	1 2 3 4 5 6 7	4/40

76 ESTABLISH SOP [illegible] ANCE MANAGEMENT	1	1	2	3	4	5	6	7	4/41
77 ADVISE ON CHANGE [illegible]	1	1	2	3	4	5	6	7	4/42
78 ADVISE IN ASSIG[illegible] OF MAINTENANCE RELATED MOS'S	1	1	2	3	4	5	6	7	4/43
79 PREPARE MAINT[illegible] SCHEDULES	1	1	2	3	4	5	6	7	4/44
80 MONITOR MAINTENANCE SCHEDULES	1	1	2	3	4	5	6	7	4/45
81 COMPLETE REQUIRED EQUIPMENT RECORDS	1	1	2	3	4	5	6	7	4/46
82 INSPECT EQUIPMENT RECORDS FOR COMPLETENESS/ACCURACY	1	1	2	3	4	5	6	7	4/47

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FROM COPY [illegible]

	TIME SPENT								
	CHECK	1 VERY LITTLE	2 BELOW AVERAGE	3 SLIGHTLY BELOW AVG	4 AVERAGE	5 SLIGHTLY ABOVE AVG	6 ABOVE AVERAGE	7 VERY MUCH	
PERFORM ENGINE ASSEMBLY MAINTENANCE DUTIES									
1 SUPERVISE PERSONNEL IN ENGINE MAINTENANCE		1	2	3	4	5	6	7	4/48
2 INSTRUCT/TRAIN PERSONNEL IN ENGINE MAINTENANCE		1	2	3	4	5	6	7	4/49
3 INSPECT FUEL LINE/CARBURETOR FOR FUEL LEAKS		1	2	3	4	5	6	7	4/50
4 SERVICE ENGINE WITH OIL AND LUBRICANTS		1	2	3	4	5	6	7	4/51
5 CHECK OIL AND LUBRICANT LEVELS		1	2	3	4	5	6	7	4/52
6 REPLACE FUEL FILTERS AND STRAINERS		1	2	3	4	5	6	7	4/53
7 FABRICATE GASKETS		1	2	3	4	5	6	7	4/54
8 REPLACE GASKETS		1	2	3	4	5	6	7	4/55
9 REPLACE RAIN CAPS		1	2	3	4	5	6	7	4/56
10 REPAIR EXHAUST STACKS AND TAIL PIPES		1	2	3	4	5	6	7	4/57
11 REPLACE EXHAUST STACKS AND TAIL PIPES		1	2	3	4	5	6	7	4/58

12 REPLACE MUFF[illegible]		1	2	3	4	5	6	7	4/59
13 REPLACE EXHAU[illegible] AND GASKETS		1	2	3	4	5	6	7	4/60
14 TEST ENGINE COM[illegible]ION		1	2	3	4	5	6	7	4/61
15 REPAIR ENGINE CYLINDER HEADS		1	2	3	4	5	6	7	4/62
16 REPLACE ENGINE CYLINDER HEADS		1	2	3	4	5	6	7	4/63
17 REPLACE ENGINE CYLINDER LINERS		1	2	3	4	5	6	7	4/64
18 REPLACE CRANKSHAFT		1	2	3	4	5	6	7	4/65
19 REPLACE CRANKSHAFT PULLEYS		1	2	3	4	5	6	7	4/66
20 REPLACE CRANKSHAFT BEARINGS		1	2	3	4	5	6	7	4/67
21 REPLACE CAMSHAFT		1	2	3	4	5	6	7	4/68
22 REPLACE CAMSHAFT BEARINGS		1	2	3	4	5	6	7	4/69
23 REPLACE PISTONS AND CONNECTING RODS		1	2	3	4	5	6	7	4/70
24 REPLACE PISTON RINGS		1	2	3	4	5	6	7	4/71
25 REPLACE FLYWHEEL		1	2	3	4	5	6	7	4/72
26 REPLACE FLYWHEEL HOUSING BREATHERS		1	2	3	4	5	6	7	4/73
27 REPAIR VALVES (GRIND)		1	2	3	4	5	6	7	4/74
28 REPLACE VALVES		1	2	3	4	5	6	7	4/75
29 ADJUST VALVES		1	2	3	4	5	6	7	4/76

	TIME SPENT	
	I C H E C K FREQUENCY 1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH	
30 REPAIR VALVE SEATS	1 2 3 4 5 6 7	4/77
31 REPAIR ROCKER ARMS	1 2 3 4 5 6 7	4/78
32 REPLACE ROCKER ARMS	1 2 3 4 5 6 7	4/79
33 ADJUST ROCKER ARMS	1 2 3 4 5 6 7	5/ 1
34 REPLACE COMBUSTION CHAMBERS	1 2 3 4 5 6 7	5/ 2
35 REPLACE ENGINE MOUNTING BRACKETS	1 2 3 4 5 6 7	5/ 3
36 REPLACE ENGINE MOUNTING CUSHIONS	1 2 3 4 5 6 7	5/ 4
37 REPLACE TACHOMETERS	1 2 3 4 5 6 7	5/ 5
38 REPLACE HOURMETERS	1 2 3 4 5 6 7	5/ 6
39 REPAIR BLOWERS	1 2 3 4 5 6 7	5/ 7
40 REPLACE BLOWERS	1 2 3 4 5 6 7	5/ 8
41 REPAIR TURBOCHARGERS	1 2 3 4 5 6 7	5/ 9
42 REPLACE TURBOCHARGERS	1 2 3 4 5 6 7	5/10
43 REPLACE OIL PRESSURE GAGES	1 2 3 4 5 6 7	5/11

44 REPLACE CRANKCASE BREATHER TUBES	1	2	3	4	5	6	7	5/12
45 REPLACE CRANKCASE OIL PANS	1	2	3	4	5	6	7	5/13
46 REPLACE OIL PRESSURE RELIEF VALVES	1	2	3	4	5	6	7	5/14
47 REPLACE OIL FILTER ELEMENTS	1	2	3	4	5	6	7	5/15
48 REPLACE OIL PRESSURE SENDING UNITS	1	2	3	4	5	6	7	5/16
49 REPLACE OIL COOLER BYPASS VALVE	1	2	3	4	5	6	7	5/17
50 REPLACE OIL COOLER	1	2	3	4	5	6	7	5/18
51 REBUILD OIL COOLER	1	2	3	4	5	6	7	5/19
52 REPLACE BYPASS VALVES	1	2	3	4	5	6	7	5/20
53 REPAIR OIL PUMP	1	2	3	4	5	6	7	5/21
54 REPLACE OIL PUMP	1	2	3	4	5	6	7	5/22
55 REPLACE TIMING GEAR	1	2	3	4	5	6	7	5/23
56 REPAIR OIL LINE ASSEMBLY	1	2	3	4	5	6	7	5/24
57 REPLACE OIL LINE ASSEMBLY	1	2	3	4	5	6	7	5/25
58 FABRICATE OIL LINE ASSEMBLY	1	2	3	4	5	6	7	5/26
59 REPLACE GREASE FITTINGS	1	2	3	4	5	6	7	5/27
60 OVERHAUL DIESEL ENGINES	1	2	3	4	5	6	7	5/28
61 REBUILD DIESEL ENGINES	1	2	3	4	5	6	7	5/29

	TIME SPENT	
	I 1 VERY LITTLE C F 2 BELOW AVERAGE H 3 SLIGHTLY BELOW AVG E D 4 AVERAGE C O 5 SLIGHTLY ABOVE AVG K N 6 ABOVE AVERAGE E 7 VERY MUCH	
62 OVERHAUL GASOLINE ENGINES	1 2 3 4 5 6 7	5/30
63 REBUILD GASOLINE ENGINES	1 2 3 4 5 6 7	5/31

	TIME SPENT							
	I	1	VERY LITTLE					
C	F	2	BELOW AVERAGE					
H		3	SLIGHTLY BELOW AVG					
E	D	4	AVERAGE					
C	O	5	SLIGHTLY ABOVE AVG					
K	N	6	ABOVE AVERAGE					
	E	7	VERY MUCH					

PERFORM CLUTCH MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN CLUTCH MAINTENANCE	1	2	3	4	5	6	7	5/32
2 INSTRUCT/TRAIN PERSONNEL IN CLUTCH MAINTENANCE	1	2	3	4	5	6	7	5/33
3 REPAIR CENTRIFUGAL CLUTCHES	1	2	3	4	5	6	7	5/34
4 REPLACE CENTRIFUGAL CLUTCHES	1	2	3	4	5	6	7	5/35
5 ADJUST CENTRIFUGAL CLUTCHES	1	2	3	4	5	6	7	5/36
6 REPAIR JAW CLUTCHES	1	2	3	4	5	6	7	5/37
7 REPLACE JAW CLUTCHES	1	2	3	4	5	6	7	5/38
8 ADJUST JAW CLUTCHES AND LINKAGE	1	2	3	4	5	6	7	5/39
9 REPAIR FRICTION CLUTCHES	1	2	3	4	5	6	7	5/40
10 REPLACE FRICTION CLUTCHES	1	2	3	4	5	6	7	5/41
11 ADJUST FRICTION CLUTCHES AND LINKAGE	1	2	3	4	5	6	7	5/42

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12 REPAIR DISC CLUTCHES		1	2	3	4	5	6	7	5/43
13 REPLACE DISC CLUTCHES		1	2	3	4	5	6	7	5/44
14 ADJUST DISC CLUTCHES AND LINKAGE		1	2	3	4	5	6	7	5/45
15 REPAIR INTERNAL EXPANDING CLUTCHES		1	2	3	4	5	6	7	5/46
16 REPLACE INTERNAL EXPANDING CLUTCHES		1	2	3	4	5	6	7	5/47
17 ADJUST INTERNAL EXPANDING CLUTCHES AND LINKAGE		1	2	3	4	5	6	7	5/48
18 REPAIR EXTERNAL CONTRACTING CLUTCHES		1	2	3	4	5	6	7	5/49
19 REPLACE EXTERNAL CONTRACTING CLUTCHES		1	2	3	4	5	6	7	5/50
20 ADJUST EXTERNAL CONTRACTING CLUTCHES AND LINKAGE		1	2	3	4	5	6	7	5/51
21 REPAIR CLUTCH BRAKES		1	2	3	4	5	6	7	5/52
22 REPLACE CLUTCH BRAKES		1	2	3	4	5	6	7	5/53
23 ADJUST CLUTCH BRAKES AND LINKAGE		1	2	3	4	5	6	7	5/54
24 REPAIR TORQUE CONVERTERS		1	2	3	4	5	6	7	5/55
25 REPLACE TORQUE CONVERTERS		1	2	3	4	5	6	7	5/56
26 ADJUST TORQUE CONVERTERS AND LINKAGE		1	2	3	4	5	6	7	5/57
27 REPAIR POWER DIVIDERS		1	2	3	4	5	6	7	5/58
28 REPLACE POWER DIVIDERS		1	2	3	4	5	6	7	5/59
29 ADJUST POWER DIVIDERS AND LINKAGE		1	2	3	4	5	6	7	5/60

	TIME SPENT	
	CHECK FREQUENCY 1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH	
30 ADJUST POWER TAKE-OFF CLUTCHES	1 2 3 4 5 6 7	5/61
31 REPAIR POWER TAKE-OFF CLUTCHES	1 2 3 4 5 6 7	5/62
32 REPLACE POWER TAKE-OFF CLUTCHES	1 2 3 4 5 6 7	5/63

TIME SPENT	
I	1 VERY LITTLE
C	2 BELOW AVERAGE
H	3 SLIGHTLY BELOW AVG
E	4 AVERAGE
C	5 SLIGHTLY ABOVE AVG
K	6 ABOVE AVERAGE
I	7 VERY MUCH

PERFORM DIESEL ENGINE FUEL SYSTEM MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN DIESEL ENGINE FUEL SYSTEM MAINTENANCE	1 2 3 4 5 6 7	5/64
2 INSTRUCT/TRAIN PERSONNEL IN DIESEL ENGINE FUEL SYSTEMS MAINTENANCE	1 2 3 4 5 6 7	5/65
3 REPLACE OVERSPEED GOVERNORS	1 2 3 4 5 6 7	5/66
4 REPLACE OVERSPEED GOVERNOR SOLENOID SWITCHES	1 2 3 4 5 6 7	5/67
5 REPLACE OVERSPEED GOVERNOR SOLENOID LINKAGE	1 2 3 4 5 6 7	5/68
6 ADJUST ENGINE SPEED GOVERNORS	1 2 3 4 5 6 7	5/69
7 REPLACE ETHER STARTING AIDS	1 2 3 4 5 6 7	5/70
8 REPLACE AIR CLEANERS	1 2 3 4 5 6 7	5/71
9 SERVICE AIR CLEANERS	1 2 3 4 5 6 7	5/72
10 REPLACE AIR CLEANER FILTERS	1 2 3 4 5 6 7	5/73
11 REPAIR FUEL INJECTORS	1 2 3 4 5 6 7	5/74

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12 REPLACE FUEL INJECTORS									
		1	2	3	4	5	6	7	5/75
13 REPLACE FUEL INJECTOR PUMPS									
		1	2	3	4	5	6	7	5/76
14 REPAIR FUEL INJECTOR PUMPS									
		1	2	3	4	5	6	7	5/77
15 REBUILD FUEL INJECTOR PUMPS									
		1	2	3	4	5	6	7	5/78
16 REPLACE FUEL INJECTOR NOZZLES									
		1	2	3	4	5	6	7	5/79
17 REPLACE FUEL LINES									
		1	2	3	4	5	6	7	6/ 1
18 FABRICATE FUEL LINES									
		1	2	3	4	5	6	7	6/ 2
19 REPAIR THROTTLE CONTROLS									
		1	2	3	4	5	6	7	6/ 3
20 ADJUST THROTTLE CONTROLS									
		1	2	3	4	5	6	7	6/ 4
21 REPLACE EMERGENCY SHUTDOWN CONTROLS									
		1	2	3	4	5	6	7	6/ 5
22 REPAIR FUEL TRANSFER PUMPS									
		1	2	3	4	5	6	7	6/ 6
23 REPLACE FUEL TRANSFER PUMPS									
		1	2	3	4	5	6	7	6/ 7

TIME SPENT

1	VERY LITTLE
2	BELOW AVERAGE
3	SLIGHTLY BELOW AVG
4	AVERAGE
5	SLIGHTLY ABOVE AVG
6	ABOVE AVERAGE
7	VERY MUCH

PERFORM GASOLINE ENGINE FUEL SYSTEM MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN GASOLINE ENGINE FUEL SYSTEMS MAINTENANCE	1	2	3	4	5	6	7	6/ 8
2	INSTRUCT/TRAIN PERSONNEL IN GASOLINE ENGINE FUEL SYSTEMS MAINTENANCE	1	2	3	4	5	6	7	6/ 9
3	REPLACE SEDIMENT BOWLS	1	2	3	4	5	6	7	6/10
4	REPAIR CHOKE CONTROLS	1	2	3	4	5	6	7	6/11
5	REPLACE CHOKE CONTROLS	1	2	3	4	5	6	7	6/12
6	REPLACE ACCELERATOR LINKAGE AND RODS	1	2	3	4	5	6	7	6/13
7	REPLACE GAS ENGINE FUEL PUMP	1	2	3	4	5	6	7	6/14
8	REPAIR FUEL PUMP	1	2	3	4	5	6	7	6/15
9	REBUILD FUEL PUMP	1	2	3	4	5	6	7	6/16
10	REPAIR CARBURETOR	1	2	3	4	5	6	7	6/17
11	REPLACE CARBURETOR	1	2	3	4	5	6	7	6/18

12 REPLACE FUEL TANK		1	2	3	4	5	6	7	6/19
13 REPLACE FUEL LINES AND FITTINGS		1	2	3	4	5	6	7	6/20
14 FABRICATE FUEL LINES		1	2	3	4	5	6	7	6/21

	TIME SPENT	
	I 1 VERY LITTLE	
	C F 2 BELOW AVERAGE	
	H 3 SLIGHTLY BELOW AVG	
	E D 4 AVERAGE	
	C O 5 SLIGHTLY ABOVE AVG	
	K N 6 ABOVE AVERAGE	
	E 7 VERY MUCH	

PERFORM COOLING SYSTEM MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN COOLING SYSTEMS MAINTENANCE	1 2 3 4 5 6 7	6/22
2 INSTRUCT/TRAIN PERSONNEL IN COOLING SYSTEMS MAINTENANCE	1 2 3 4 5 6 7	6/23
3 REPLACE RADIATORS	1 2 3 4 5 6 7	6/24
4 REPLACE RADIATOR SHROUD ASSEMBLY	1 2 3 4 5 6 7	6/25
5 REPLACE RADIATOR SHUTTER ASSEMBLY	1 2 3 4 5 6 7	6/26
6 REPLACE WATER PUMP	1 2 3 4 5 6 7	6/27
7 REPAIR WATER PUMP	1 2 3 4 5 6 7	6/28
8 REPLACE ENGINE FAN ASSEMBLY	1 2 3 4 5 6 7	6/29
9 ADJUST ENGINE FAN BELT TENSION	1 2 3 4 5 6 7	6/30
10 REPLACE WATER MANIFOLDS	1 2 3 4 5 6 7	6/31
11 TEST ENGINE THERMOSTAT FOR PROPER OPERATION	1 2 3 4 5 6 7	6/32

12 REPLACE ENGINE THERMOSTAT		1	2	3	4	5	6	7	6/33
13 SERVICE COOLING SYSTEM WITH ANTIFREEZE		1	2	3	4	5	6	7	6/34

	TIME SPENT							
	I	1	2	3	4	5	6	7
	C	F						
	H							
	E	D						
	C	O						
	K	N						
		E						

1 VERY LITTLE
2 BELOW AVERAGE
3 SLIGHTLY BELOW AVG
4 AVERAGE
5 SLIGHTLY ABOVE AVG
6 ABOVE AVERAGE
7 VERY MUCH

PERFORM ELECTRICAL SYSTEM MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN ELECTRICAL SYSTEMS MAINTENANCE		1	2	3	4	5	6	7	6/35
2 INSTRUCT/TRAIN PERSONNEL IN ELECTRICAL SYSTEMS MAINTENANCE		1	2	3	4	5	6	7	6/36
3 TEST ENGINE GENERATOR FOR PROPER OPERATION		1	2	3	4	5	6	7	6/37
4 REPLACE GENERATOR		1	2	3	4	5	6	7	6/38
5 REBUILD GENERATOR		1	2	3	4	5	6	7	6/39
6 POLARIZE GENERATOR		1	2	3	4	5	6	7	6/40
7 REPLACE GENERATOR BRUSHES		1	2	3	4	5	6	7	6/41
8 REPLACE GENERATOR BELT DRIVES		1	2	3	4	5	6	7	6/42
9 REPAIR VOLTAGE GENERATOR		1	2	3	4	5	6	7	6/43
10 TEST GENERATOR REGULATOR FOR PROPER OPERATION		1	2	3	4	5	6	7	6/44
11 REBUILD VOLTAGE REGULATOR		1	2	3	4	5	6	7	6/45

12 TEST ALTERNATOR FOR PROPER OPERATION		1	2	3	4	5	6	7	6/46
13 REPLACE ALTERNATOR		1	2	3	4	5	6	7	6/47
14 REBUILD ALTERNATOR		1	2	3	4	5	6	7	6/48
15 REPLACE RECTIFIER		1	2	3	4	5	6	7	6/49
16 REPAIR STARTER MOTOR		1	2	3	4	5	6	7	6/50
17 REBUILD STARTER MOTOR		1	2	3	4	5	6	7	6/51
18 TEST STARTER FOR PROPER OPERATION		1	2	3	4	5	6	7	6/52
19 REPLACE STARTER		1	2	3	4	5	6	7	6/53
20 REPLACE STARTER RELAY		1	2	3	4	5	6	7	6/54
21 REPLACE STARTER LINKAGE		1	2	3	4	5	6	7	6/55
22 REPLACE STARTER SOLENOID		1	2	3	4	5	6	7	6/56
23 REPLACE MOTOR SOLENOID		1	2	3	4	5	6	7	6/57
24 REBUILD STARTER MOTOR SOLENOID		1	2	3	4	5	6	7	6/58
25 REPLACE DISTRIBUTOR		1	2	3	4	5	6	7	6/59
26 REPLACE DISTRIBUTOR ROTOR		1	2	3	4	5	6	7	6/60
27 REPLACE DISTRIBUTOR CONDENSER		1	2	3	4	5	6	7	6/61
28 REPLACE DISTRIBUTOR CONTACT POINTS		1	2	3	4	5	6	7	6/62
29 REPLACE DISTRIBUTOR CAP		1	2	3	4	5	6	7	6/63

TIME SPENT

CHECK INDICATE

1 VERY LITTLE
2 BELOW AVERAGE
3 SLIGHTLY BELOW AVG
4 AVERAGE
5 SLIGHTLY ABOVE AVG
6 ABOVE AVERAGE
7 VERY MUCH

30 TEST IGNITION COIL FOR PROPER OPERATION	1 2 3 4 5 6 7	6/64
31 REPLACE IGNITION COIL	1 2 3 4 5 6 7	6/65
32 INSPECT SPARK PLUGS AND CABLES FOR SERVICEABILITY	1 2 3 4 5 6 7	6/66
33 REPLACE SPARK PLUGS AND CABLES	1 2 3 4 5 6 7	6/67
34 CLEAN SPARK PLUGS AND CABLES	1 2 3 4 5 6 7	6/68
35 ADJUST SPARK PLUG GAP	1 2 3 4 5 6 7	6/69
36 TEST MAGNETO FOR PROPER OPERATION	1 2 3 4 5 6 7	6/70
37 TIME MAGNETO	1 2 3 4 5 6 7	6/71
38 REPAIR MAGNETO	1 2 3 4 5 6 7	6/72
39 REPLACE MAGNETO	1 2 3 4 5 6 7	6/73
40 REBUILD MAGNETO	1 2 3 4 5 6 7	6/74
41 REPLACE MAGNETO CONTACT POINTS	1 2 3 4 5 6 7	6/75
42 REPLACE MAGNETO COIL	1 2 3 4 5 6 7	6/76
43 TEST BATTERY FOR PROPER OPERATION	1 2 3 4 5 6 7	6/77

44 SERVICE BATTERY	1 2 3 4 5 6 7	6/78
45 REPLACE BATTERY	1 2 3 4 5 6 7	6/79
46 REPAIR BATTERY POSTS	1 2 3 4 5 6 7	7/ 1
47 REPAIR BATTERY CABLES AND CLAMPS	1 2 3 4 5 6 7	7/ 2
48 REPLACE BATTERY CABLES AND CLAMPS	1 2 3 4 5 6 7	7/ 3
49 TEST ELECTRICAL WIRING HARNESSES FOR PROPER OPERATION	1 2 3 4 5 6 7	7/ 4
50 REPAIR ELECTRICAL WIRING HARNESSES	1 2 3 4 5 6 7	7/ 5
51 REPLACE ELECTRICAL WIRING HARNESSES	1 2 3 4 5 6 7	7/ 6
52 REPLACE HORNS	1 2 3 4 5 6 7	7/ 7
53 REPLACE SERVICE LIGHTS	1 2 3 4 5 6 7	7/ 8
54 REPLACE DIRECTIONAL LIGHTS	1 2 3 4 5 6 7	7/ 9
55 REPLACE LAMP BULBS AND LENS	1 2 3 4 5 6 7	7/10
56 REPLACE FLASHER ASSEMBLY	1 2 3 4 5 6 7	7/11
57 REPLACE DIMMER SWITCH	1 2 3 4 5 6 7	7/12
58 REPLACE CLEARANCE REFLECTORS	1 2 3 4 5 6 7	7/13
59 REPLACE ELECTRICAL GAGES	1 2 3 4 5 6 7	7/14
60 REPLACE ELECTRICAL SWITCHES	1 2 3 4 5 6 7	7/15
61 REPLACE SLAVE RECEPTACLES	1 2 3 4 5 6 7	7/16

	TIME SPENT	
	I I 1 VERY LITTLE	
	C F 2 BELOW AVERAGE	
	H 3 SLIGHTLY BELOW AVG	
	E D 4 AVERAGE	
	C O 5 SLIGHTLY ABOVE AVG	
	K N 6 ABOVE AVERAGE	
	E 7 VERY MUCH	
02 REPLACE PANEL FUSES	1 2 3 4 5 6 7	7/17

	TIME SPENT	
	CHECK IF DONE	1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH
PERFORM TRANSMISSION MAINTENANCE DUTIES		
1 REPLACE BRAKE LOCK SWITCHES		1 2 3 4 5 6 7 7/18
2 SUPERVISE PERSONNEL IN TRANSMISSIONS MAINTENANCE		1 2 3 4 5 6 7 7/19
3 INSTRUCT/TRAIN PERSONNEL IN TRANSMISSIONS MAINTENANCE		1 2 3 4 5 6 7 7/20
4 REPLACE POWER SHIFT TRANSMISSIONS		1 2 3 4 5 6 7 7/21
5 REPAIR POWER SHIFT TRANSMISSIONS		1 2 3 4 5 6 7 7/22
6 REBUILD POWER SHIFT TRANSMISSIONS		1 2 3 4 5 6 7 7/23
7 REPAIR SYNCHROMESH TRANSMISSIONS		1 2 3 4 5 6 7 7/24
8 REPLACE SYNCHROMESH TRANSMISSIONS		1 2 3 4 5 6 7 7/25
9 REBUILD SYNCHROMESH TRANSMISSIONS		1 2 3 4 5 6 7 7/26
10 REPLACE AUXILIARY TRANSMISSIONS		1 2 3 4 5 6 7 7/27
11 REPAIR AUXILIARY TRANSMISSIONS		1 2 3 4 5 6 7 7/28

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12 REBUILD AUXILIARY TRANSMISSIONS	1	2	3	4	5	6	7	7/29
13 REPAIR TRANSMISSION SHIFTING MECHANISM	1	2	3	4	5	6	7	7/30
14 REPLACE TRANSMISSION SHIFTING MECHANISM	1	2	3	4	5	6	7	7/31
15 REPLACE TRANSMISSION GEARS	1	2	3	4	5	6	7	7/32
16 REPAIR POWER TAKE-OFF LINKAGE	1	2	3	4	5	6	7	7/33
17 ADJUST TRANSMISSION LINKAGE	1	2	3	4	5	6	7	7/34
18 ADJUST TRANSMISSION BRAKE	1	2	3	4	5	6	7	7/35
19 INSPECT TRANSFER ASSEMBLIES FOR SERVICEABILITY	1	2	3	4	5	6	7	7/36

TIME SPENT

1	VERY LITTLE
2	BELOW AVERAGE
3	SLIGHTLY BELOW AVG
4	AVERAGE
5	SLIGHTLY ABOVE AVG
6	ABOVE AVERAGE
7	VERY MUCH

PERFORM DIFFERENTIAL/FINAL DRIVE/AXLE MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN DIFFERENTIAL/FINAL DRIVE/AXLE MAINTENANCE	1 2 3 4 5 6 7	7/37
2 INSTRUCT/TRAIN PERSONNEL IN DIFFERENTIAL/FINAL DRIVE/AXLE MAINTENANCE	1 2 3 4 5 6 7	7/38
3 INSPECT WHEELS AND TIRES FOR SERVICEABILITY	1 2 3 4 5 6 7	7/39
4 MOUNT TIRES	1 2 3 4 5 6 7	7/40
5 REPLACE TUBES	1 2 3 4 5 6 7	7/41
6 REPAIR TIRES AND TUBES	1 2 3 4 5 6 7	7/42
7 REPLACE WHEEL STUDS	1 2 3 4 5 6 7	7/43
8 ADJUST WHEEL BEARINGS	1 2 3 4 5 6 7	7/44
9 REPLACE WHEEL BEARINGS AND SEALS	1 2 3 4 5 6 7	7/45
10 REPLACE CONSTANT VELOCITY BOOTS	1 2 3 4 5 6 7	7/46
11 REPLACE SHOCK ABSORBERS	1 2 3 4 5 6 7	7/47

12 REPLACE STABILIZERS		1	2	3	4	5	6	7	7/48
13 CHECK WHEEL ALIGNMENT		1	2	3	4	5	6	7	7/49
14 REPLACE TORQUE RODS		1	2	3	4	5	6	7	7/50
15 REPLACE SPRING U-BOLTS		1	2	3	4	5	6	7	7/51
16 REPLACE UNIVERSAL JOINTS		1	2	3	4	5	6	7	7/52
17 INSPECT AXLE ASSEMBLIES FOR SERVICEABILITY		1	2	3	4	5	6	7	7/53
18 REPAIR AXLE ASSEMBLIES		1	2	3	4	5	6	7	7/54
19 REPLACE AXLE ASSEMBLIES		1	2	3	4	5	6	7	7/55
20 REPLACE AXLE BREATHER VENTS		1	2	3	4	5	6	7	7/56
21 REPLACE AXLE SHAFTS		1	2	3	4	5	6	7	7/57
22 REPLACE HOUSING PLUGS		1	2	3	4	5	6	7	7/58
23 REPLACE DIFFERENTIAL LOCK LINKAGE		1	2	3	4	5	6	7	7/59
24 REPLACE FRAME ASSEMBLY SKIDS		1	2	3	4	5	6	7	7/60
25 REPAIR DIFFERENTIAL		1	2	3	4	5	6	7	7/61
26 REPLACE DIFFERENTIAL		1	2	3	4	5	6	7	7/62
27 REPAIR REDUCTION FINAL DRIVE		1	2	3	4	5	6	7	7/63
28 REPLACE REDUCTION FINAL DRIVE		1	2	3	4	5	6	7	7/64
29 REBUILD REDUCTION FINAL DRIVE		1	2	3	4	5	6	7	7/65

TIME SPENT

CHECK FIELD DIMENSIONS

1 VERY LITTLE
2 BELOW AVERAGE
3 SLIGHTLY BELOW AVG
4 AVERAGE
5 SLIGHTLY ABOVE AVG
6 ABOVE AVERAGE
7 VERY MUCH

30 REPAIR TANDEM DRIVE	1 2 3 4 5 6 7	7/66
31 REPLACE TANDEM DRIVE	1 2 3 4 5 6 7	7/67
32 REBUILD TANDEM DRIVE	1 2 3 4 5 6 7	7/68
33 REPAIR PLANETARY DRIVE	1 2 3 4 5 6 7	7/69
34 REPLACE PLANETARY DRIVE	1 2 3 4 5 6 7	7/70
35 REBUILD PLANETARY DRIVE	1 2 3 4 5 6 7	7/71
36 REPLACE DRIVE SPROCKET	1 2 3 4 5 6 7	7/72
37 ADJUST DRIVE CHAINS	1 2 3 4 5 6 7	7/73
38 REPAIR DRIVE CHAINS	1 2 3 4 5 6 7	7/74
39 REPLACE DRIVE CHAINS	1 2 3 4 5 6 7	7/75
40 REPAIR VERTICAL AND HORIZONTAL PROPELLER SHAFTS	1 2 3 4 5 6 7	7/76
41 REPAIR DRUM SHAFT ASSEMBLIES	1 2 3 4 5 6 7	7/77
42 REBUILD TORQUE CONVERTERS	1 2 3 4 5 6 7	7/78

	TIME SPENT							
	CHECK ONE	1 VERY LITTLE	2 BELOW AVERAGE	3 SLIGHTLY BELOW AVG	4 AVERAGE	5 SLIGHTLY ABOVE AVG	6 ABOVE AVERAGE	7 VERY MUCH	
PERFORM BRAKE SYSTEM MAINTENANCE DUTIES									
1 SUPERVISE PERSONNEL IN BRAKE SYSTEMS MAINTENANCE		1	2	3	4	5	6	7	7/79
2 INSTRUCT/TRAIN PERSONNEL IN BRAKE SYSTEMS MAINTENANCE		1	2	3	4	5	6	7	8/ 1
3 REPLACE HANDBRAKE ASSEMBLY LINKAGE		1	2	3	4	5	6	7	8/ 2
4 ADJUST HANDBRAKE		1	2	3	4	5	6	7	8/ 3
5 REPAIR HANDBRAKE		1	2	3	4	5	6	7	8/ 4
6 REPLACE AIR RESERVOIR		1	2	3	4	5	6	7	8/ 5
7 REPLACE AIR COMPRESSOR		1	2	3	4	5	6	7	8/ 6
8 REPLACE AIR BRAKE POWER CYLINDERS		1	2	3	4	5	6	7	8/ 7
9 REPLACE MASTER CYLINDER		1	2	3	4	5	6	7	8/ 8
10 REPLACE WHEEL CYLINDERS		1	2	3	4	5	6	7	8/ 9
11 REPLACE BRAKE HOSES AND LINES		1	2	3	4	5	6	7	8/10

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12 REPLACE SLACK ADJUSTORS		1	2	3	4	5	6	7	8/11
13 REPLACE TRAILER BRAKE CONTROLS		1	2	3	4	5	6	7	8/12
14 ADJUST SERVICE BRAKES		1	2	3	4	5	6	7	8/13
15 REPAIR SERVICE BRAKES		1	2	3	4	5	6	7	8/14
16 BLEED HYDRAULIC BRAKE SYSTEM		1	2	3	4	5	6	7	8/15
17 REPAIR HYDRAULIC MASTER CYLINDER		1	2	3	4	5	6	7	8/16
18 REPAIR HYDRAULIC WHEEL CYLINDERS		1	2	3	4	5	6	7	8/17
19 REPAIR AIR CHAMBER VALVES		1	2	3	4	5	6	7	8/18
20 REPAIR TRAILER BRAKE VALVES		1	2	3	4	5	6	7	8/19
21 SERVICE AIR COMPRESSOR ASSEMBLY		1	2	3	4	5	6	7	8/20
22 REPAIR AIR COMPRESSOR ASSEMBLY		1	2	3	4	5	6	7	8/21
23 REPLACE BRAKE BANDS		1	2	3	4	5	6	7	8/22
24 REPLACE BRAKE SHOES		1	2	3	4	5	6	7	8/23
25 REPLACE BRAKE DRUMS		1	2	3	4	5	6	7	8/24

	TIME SPENT							
	CHECK FOR DUTIES	1 VERY LITTLE	2 BELOW AVERAGE	3 SLIGHTLY BELOW AVG	4 AVERAGE	5 SLIGHTLY ABOVE AVG	6 ABOVE AVERAGE	7 VERY MUCH	
PERFORM STEERING COMPONENTS MAINTENANCE DUTIES									
1 SUPERVISE PERSONNEL IN STEERING COMPONENTS MAINTENANCE		1	2	3	4	5	6	7	8/25
2 INSTRUCT/TRAIN PERSONNEL IN STEERING COMPONENTS MAINTENANCE		1	2	3	4	5	6	7	8/26
3 INSPECT STEERING ASSEMBLIES FOR SERVICEABILITY		1	2	3	4	5	6	7	8/27
4 ADJUST STEERING ASSEMBLIES		1	2	3	4	5	6	7	8/28
5 REPLACE STEERING ARMS		1	2	3	4	5	6	7	8/29
6 REPLACE STEERING KNUCKLES		1	2	3	4	5	6	7	8/30
7 REPLACE STEERING SPINDLES		1	2	3	4	5	6	7	8/31
8 REPAIR STEERING GEAR BOXES		1	2	3	4	5	6	7	8/32
9 REPLACE STEERING WHEELS		1	2	3	4	5	6	7	8/33

TIME SPENT

1	VERY LITTLE
2	BELOW AVERAGE
3	SLIGHTLY BELOW AVG
4	AVERAGE
5	SLIGHTLY ABOVE AVG
6	ABOVE AVERAGE
7	VERY MUCH

PERFORM ENGINEER EQUIPMENT CAB & ENCLOSURE MAINTENANCE DUTIES

1	SUPERVISE PERSONNEL IN CAB AND ENCLOSURES MAINTENANCE	1 2 3 4 5 6 7 8/34
2	INSTRUCT/TRAIN PERSONNEL IN CAB AND ENCLOSURES MAINTENANCE	1 2 3 4 5 6 7 8/35
3	INSPECT CAB AND ENCLOSURE ASSEMBLY FOR SERVICEABILITY	1 2 3 4 5 6 7 8/36
4	REPLACE DOOR ASSEMBLIES	1 2 3 4 5 6 7 8/37
5	REPLACE DOOR SUPPORTS	1 2 3 4 5 6 7 8/38
6	REPLACE DOOR HINGE ASSEMBLIES	1 2 3 4 5 6 7 8/39
7	REPLACE CAB DOOR	1 2 3 4 5 6 7 8/40
8	REPLACE WINDOW GLASS	1 2 3 4 5 6 7 8/41
9	REPLACE WINDSHIELDS	1 2 3 4 5 6 7 8/42
10	REPLACE SEATS	1 2 3 4 5 6 7 8/43
11	REPAIR HOOD	1 2 3 4 5 6 7 8/44

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12 REPLACE HOOD		1	2	3	4	5	6	7	8/45
13 REPAIR FENDERS		1	2	3	4	5	6	7	8/46
14 REPLACE FENDERS		1	2	3	4	5	6	7	8/47
15 REPLACE WINDSHIELD WIPER MOTORS		1	2	3	4	5	6	7	8/48
16 REPAIR BUMPERS		1	2	3	4	5	6	7	8/49
17 REPLACE BUMPERS		1	2	3	4	5	6	7	8/50
18 REPLACE REAR AND SIDE VIEW MIRROR		1	2	3	4	5	6	7	8/51
19 PAINT REPAIRED AREAS AND ASSEMBLIES		1	2	3	4	5	6	7	8/52

	TIME SPENT							
	CHECK ONE	1 VERY LITTLE	2 BELOW AVERAGE	3 SLIGHTLY BELOW AVG	4 AVERAGE	5 SLIGHTLY ABOVE AVG	6 ABOVE AVERAGE	7 VERY MUCH	
PERFORM POWER GENERATOR MAINTENANCE DUTIES									
1 SUPERVISE PERSONNEL IN POWER GENERATOR MAINTENANCE		1	2	3	4	5	6	7	8/53
2 INSTRUCT/TRAIN PERSONNEL IN POWER GENERATOR MAINTENANCE		1	2	3	4	5	6	7	8/54
3 INSPECT POWER GENERATOR FOR DAMAGE		1	2	3	4	5	6	7	8/55
4 CHECK OPERATION OF POWER GENERATOR		1	2	3	4	5	6	7	8/56
5 CLEAN AND SERVICE POWER GENERATOR		1	2	3	4	5	6	7	8/57
6 LUBRICATE POWER GENERATOR		1	2	3	4	5	6	7	8/58
7 CHECK POWER GENERATOR FUEL AND OIL LEVELS		1	2	3	4	5	6	7	8/59
8 SERVICE POWER GENERATOR FUEL AND OIL SYSTEM		1	2	3	4	5	6	7	8/60
9 CHECK AND SERVICE POWER GENERATOR COOLING SYSTEM		1	2	3	4	5	6	7	8/61
10 INSTALL POWER GENERATOR BATTERY		1	2	3	4	5	6	7	8/62
11 SERVICE POWER GENERATOR BATTERY		1	2	3	4	5	6	7	8/63

12 INSTALL POWER GENERATOR GROUND RODS AND STRAPS		1	2	3	4	5	6	7		8/64
13 CONNECT/DISCONNECT POWER GENERATOR LOADS		1	2	3	4	5	6	7		8/65
14 ADJUST POWER GENERATOR VOLTAGE AND FREQUENCY OUTPUT		1	2	3	4	5	6	7		8/66

	TIME SPENT		
	I	1 VERY LITTLE	
C	F	2 BELOW AVERAGE	
H		3 SLIGHTLY BELOW AVG	
E	D	4 AVERAGE	
C	O	5 SLIGHTLY ABOVE AVG	
K	N	6 ABOVE AVERAGE	
	E	7 VERY MUCH	

PERFORM CRANE SHOVEL EQUIPMENT MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN CRANE SHOVEL EQUIPMENT MAINTENANCE	1	2	3	4	5	6	7	8/67
2 INSTRUCT/TRAIN PERSONNEL IN CRANE SHOVEL EQUIPMENT MAINTENANCE	1	2	3	4	5	6	7	8/68
3 REPLACE CROWD RETRACT MECHANISMS	1	2	3	4	5	6	7	8/69
4 REPLACE CROWD CHAIN TIGHTENERS	1	2	3	4	5	6	7	8/70
5 REPAIR CROWD CHAIN TIGHTENERS	1	2	3	4	5	6	7	8/71
6 REPLACE DIPPER TEETH	1	2	3	4	5	6	7	8/72
7 REPAIR DIPPER ASSEMBLIES	1	2	3	4	5	6	7	8/73
8 REPLACE PADLOCK BLOCK BAIL SHEAVES	1	2	3	4	5	6	7	8/74
9 REPAIR CRANE BOOMS	1	2	3	4	5	6	7	8/75
10 REPAIR HOOK BLOCKS	1	2	3	4	5	6	7	8/76
11 REPAIR TAGLINES	1	2	3	4	5	6	7	8/77

12	REPLACE CLAMSHELL BUCKET TEETH	1 2 3 4 5 6 7	8/78
13	REPLACE CLAMSHELL BUCKETS	1 2 3 4 5 6 7	8/79
14	REPLACE DRAGLINE BUCKET TEETH	1 2 3 4 5 6 7	9/ 1
15	REPLACE DRAGLINE BUCKETS	1 2 3 4 5 6 7	9/ 2
16	REPLACE FAIRLEADS	1 2 3 4 5 6 7	9/ 3
17	REPAIR BOOM HARNESSES	1 2 3 4 5 6 7	9/ 4
18	INSPECT JIB BOOMS FOR SERVICEABILITY	1 2 3 4 5 6 7	9/ 5
19	REPAIR JIB BOOMS	1 2 3 4 5 6 7	9/ 6
20	REPLACE JIB BOOMS	1 2 3 4 5 6 7	9/ 7
21	INSPECT BACKHOE ATTACHMENTS FOR SERVICEABILITY	1 2 3 4 5 6 7	9/ 8
22	REPAIR BACKHOE ATTACHMENTS	1 2 3 4 5 6 7	9/ 9
23	REPLACE BACKHOE ATTACHMENTS	1 2 3 4 5 6 7	9/10
24	INSPECT PILEDRIVER ATTACHMENTS FOR SERVICEABILITY	1 2 3 4 5 6 7	9/11
25	REPAIR PILE DRIVER ATTACHMENTS	1 2 3 4 5 6 7	9/12
26	REPLACE PILE DRIVER ATTACHMENTS	1 2 3 4 5 6 7	9/13
27	REPLACE CONICAL ROLLERS	1 2 3 4 5 6 7	9/14
28	REPAIR GEAR GUARDS AND SHIELDS	1 2 3 4 5 6 7	9/15
29	REPLACE GEAR GUARDS AND SHIELDS	1 2 3 4 5 6 7	9/16

	TIME SPENT	
	CHECK IF DONE 1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH	
30 REPAIR SWING LOCK ASSEMBLIES	1 2 3 4 5 6 7	9/17
31 REPAIR BOOM HOIST DRUMS	1 2 3 4 5 6 7	9/18
32 REPLACE BOOM HOIST DRUMS	1 2 3 4 5 6 7	9/19
33 REPAIR BOOM CRADLE ASSEMBLIES	1 2 3 4 5 6 7	9/20
34 REPAIR HANDRAILS	1 2 3 4 5 6 7	9/21
35 REPLACE HANDRAILS	1 2 3 4 5 6 7	9/22
36 ADJUST BUCKET LINE SLIP CLUTCH	1 2 3 4 5 6 7	9/23
37 REPLACE BUCKET LINE SLIP CLUTCH	1 2 3 4 5 6 7	9/24
38 REPLACE BUCKET LINE DRIVE SPROCKET	1 2 3 4 5 6 7	9/25
39 REPLACE BUCKET LINE DRIVE SPROCKET CHAIN	1 2 3 4 5 6 7	9/26
40 REPLACE STEERING WHEEL LOCK	1 2 3 4 5 6 7	9/27
41 REPLACE OUTRIGGERS	1 2 3 4 5 6 7	9/28
42 REPLACE BOOM RESTS	1 2 3 4 5 6 7	9/29
43 INSPECT SHOVEL FRONT ATTACHMENTS FOR SERVICEABILITY	1 2 3 4 5 6 7	9/30

44 INSPECT CRANE SHOVEL UNITS FOR SERVICEABILITY		1	2	3	4	5	6	7	9/31
45 INSPECT DRAGLINE ATTACHMENT FOR SERVICEABILITY		1	2	3	4	5	6	7	9/32

TIME SPENT

1	VERY LITTLE
2	BELOW AVERAGE
3	SLIGHTLY BELOW AVG
4	AVERAGE
5	SLIGHTLY ABOVE AVG
6	ABOVE AVERAGE
7	VERY MUCH

PERFORM CRAWLER MOUNTED EQUIPMENT MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN CRAWLER MOUNTED EQUIPMENT MAINTENANCE	1 2 3 4 5 6 7	9/33
2 INSTRUCT/TRAIN PERSONNEL IN CRAWLER MOUNTED EQUIPMENT MAINTENANCE	1 2 3 4 5 6 7	9/34
3 INSPECT TRACKS FOR SERVICEABILITY	1 2 3 4 5 6 7	9/35
4 ADJUST TRACKS	1 2 3 4 5 6 7	9/36
5 REPLACE TRACK ASSEMBLIES	1 2 3 4 5 6 7	9/37
6 REPLACE TRACK FRAME GUARDS	1 2 3 4 5 6 7	9/38
7 REPLACE TRACK ROLLERS	1 2 3 4 5 6 7	9/39
8 REPAIR TRACK CARRIER ROLLERS	1 2 3 4 5 6 7	9/40
9 REPLACE TRACK CARRIER ROLLERS	1 2 3 4 5 6 7	9/41
10 REPLACE TRACK PADS AND PLATES	1 2 3 4 5 6 7	9/42
11 REPAIR DRIVE SPROCKETS	1 2 3 4 5 6 7	9/43

12 REPLACE DRIVE SPROCKETS									
	1	2	3	4	5	6	7	9/44
13 REPAIR MUD GUARDS									
	1	2	3	4	5	6	7	9/45
14 REPLACE MUD GUARDS									
	1	2	3	4	5	6	7	9/46
15 REPLACE SPRING SEATS									
	1	2	3	4	5	6	7	9/47
16 REPLACE SPRING DIPS									
	1	2	3	4	5	6	7	9/48
17 REPLACE DRAWBAR ASSEMBLIES									
	1	2	3	4	5	6	7	9/49
18 REPLACE DRAWBAR TOWING HOOKS									
	1	2	3	4	5	6	7	9/50
19 REPLACE MOLDBOARD ASSEMBLIES									
	1	2	3	4	5	6	7	9/51
20 REPAIR BLADE DIAGONAL BRACES									
	1	2	3	4	5	6	7	9/52
21 REPLACE BLADE DIAGONAL BRACES									
	1	2	3	4	5	6	7	9/53
22 REPLACE PINTLE HOOKS									
	1	2	3	4	5	6	7	9/54
23 INSPECT POWER CONTROL UNITS (PCU) FOR SERVICEABILITY									
	1	2	3	4	5	6	7	9/55
24 REPAIR PCU LEVERS/LINKAGES/SHEAVES									
	1	2	3	4	5	6	7	9/56
25 REPLACE PCU LEVERS/LINKAGES/SHEAVES									
	1	2	3	4	5	6	7	9/57
26 INSPECT FRAME ASSEMBLIES FOR SERVICEABILITY									
	1	2	3	4	5	6	7	9/58
27 ADJUST STEERING CLUTCHES									
	1	2	3	4	5	6	7	9/59
28 REPAIR SCARIFIER ASSEMBLIES									
	1	2	3	4	5	6	7	9/60
29 REPLACE SCARIFIER LIFT YOKES									
	1	2	3	4	5	6	7	9/61

TIME SPENT

I	1 VERY LITTLE
C F	2 BELOW AVERAGE
H	3 SLIGHTLY BELOW AVG
E D	4 AVERAGE
C O	5 SLIGHTLY ABOVE AVG
K N	6 ABOVE AVERAGE
E	7 VERY MUCH

PERFORM PNEUMATIC EQUIPMENT MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN PNEUMATIC EQUIPMENT MAINTENANCE	1 2 3 4 5 6 7	9/62
2 INSTRUCT/TRAIN PERSONNEL IN PNEUMATIC EQUIPMENT MAINTENANCE	1 2 3 4 5 6 7	9/63
3 ADJUST AIR UNLOADER PILOTS	1 2 3 4 5 6 7	9/64
4 REPLACE AIR UNLOADER PILOTS	1 2 3 4 5 6 7	9/65
5 REPAIR HOSE REELS	1 2 3 4 5 6 7	9/66
6 REPLACE HOSE REELS	1 2 3 4 5 6 7	9/67
7 REPAIR HOSES	1 2 3 4 5 6 7	9/68
8 REPLACE HOSES	1 2 3 4 5 6 7	9/69
9 REPLACE AIR RECEIVER DRAIN PLUGS	1 2 3 4 5 6 7	9/70
10 TEST LUBRICATOR POWER GUNS FOR PROPER OPERATION	1 2 3 4 5 6 7	9/71
11 REPLACE LUBRICATOR POWER GUNS	1 2 3 4 5 6 7	9/72

12 REPAIR RESERVOIR FILL COVERS		1	2	3	4	5	6	7	9/73
13 REPLACE RESERVOIR FILL COVERS		1	2	3	4	5	6	7	9/74
14 ADJUST AIR REGULATORS		1	2	3	4	5	6	7	9/75
15 REPLACE AIR REGULATORS		1	2	3	4	5	6	7	9/76
16 REPAIR OIL AND GREASE PUMPS		1	2	3	4	5	6	7	9/77
17 REPLACE OIL AND GREASE PUMPS		1	2	3	4	5	6	7	9/78
18 REPLACE SAFETY VALVES		1	2	3	4	5	6	7	9/79
19 REPAIR BLOWDOWN VALVES		1	2	3	4	5	6	7	10/ 1
20 REPLACE BLOWDOWN VALVES		1	2	3	4	5	6	7	10/ 2
21 SERVICE OIL SEPARATORS		1	2	3	4	5	6	7	10/ 3
22 REPAIR GOVERNOR CONTROL ASSEMBLY		1	2	3	4	5	6	7	10/ 4
23 REPLACE GOVERNOR CONTROL ASSEMBLY		1	2	3	4	5	6	7	10/ 5
24 REPAIR AIR TOOLS		1	2	3	4	5	6	7	10/ 6
25 INSPECT AIR RECEIVER RESERVOIR FOR SERVICEABILITY		1	2	3	4	5	6	7	10/ 7
26 INSPECT CHAIN SAW BLADES FOR SERVICEABILITY		1	2	3	4	5	6	7	10/ 8
27 REPLACE CHAIN SAW BLADES		1	2	3	4	5	6	7	10/ 9
28 REMOVE CHAIN SAW DRIVE SPROCKETS		1	2	3	4	5	6	7	10/10
29 REPLACE CHAIN SAW DRIVE SPROCKETS		1	2	3	4	5	6	7	10/11

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	TIME SPENT	
	CHECK FIDONE 1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH	
30 INSPECT OIL AND GREASE GUNS FOR SERVICEABILITY	1 2 3 4 5 6 7	10/12
31 INSPECT AIR COMPRESSORS FOR SERVICEABILITY	1 2 3 4 5 6 7	10/13
32 REPAIR AIR COMPRESSOR ASSEMBLY	1 2 3 4 5 6 7	10/14
33 REPLACE AIR COMPRESSOR ASSEMBLY	1 2 3 4 5 6 7	10/15
34 REPAIR AIR COMPRESSOR DRIVE ASSEMBLY	1 2 3 4 5 6 7	10/16
35 REPAIR ROTOR ASSEMBLY	1 2 3 4 5 6 7	10/17
36 REPLACE ROTOR ASSEMBLY	1 2 3 4 5 6 7	10/18
37 REPLACE VANES	1 2 3 4 5 6 7	10/19
38 REPLACE ROTOR DRIVE GEARS	1 2 3 4 5 6 7	10/20

	TIME SPENT							
	I	1	VERY LITTLE					
C	F	2	BELOW AVERAGE					
H		3	SLIGHTLY BELOW AVG					
E	D	4	AVERAGE					
C	O	5	SLIGHTLY ABOVE AVG					
K	N	6	ABOVE AVERAGE					
	E	7	VERY MUCH					

PERFORM HYDRAULIC SYSTEM MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN HYDRAULIC SYSTEMS MAINTENANCE	1	2	3	4	5	6	7	10/21
2 INSTRUCT/TRAIN PERSONNEL IN HYDRAULIC SYSTEMS MAINTENANCE	1	2	3	4	5	6	7	10/22
3 PRESSURE TEST HYDRAULIC SYSTEM TO DETERMINE MALFUNCTIONS	1	2	3	4	5	6	7	10/23
4 SET UP HYDRAULIC TEST SET	1	2	3	4	5	6	7	10/24
5 REPAIR HYDRAULIC HOSES, LINES AND FITTINGS	1	2	3	4	5	6	7	10/25
6 REPLACE HYDRAULIC HOSES, LINES AND FITTINGS	1	2	3	4	5	6	7	10/26
7 BLEED HYDRAULIC SYSTEM	1	2	3	4	5	6	7	10/27
8 FLUSH HYDRAULIC SYSTEM	1	2	3	4	5	6	7	10/28
9 ADJUST HYDRAULIC PRESSURE REGULATOR	1	2	3	4	5	6	7	10/29
10 CHANGE FILTERS ON HYDRAULIC SYSTEM	1	2	3	4	5	6	7	10/30
11 CHANGE HYDRAULIC OIL	1	2	3	4	5	6	7	10/31

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12 INSPECT HYDRAULIC RESERVOIRS FOR SERVICEABILITY		1	2	3	4	5	6	7	10/32
13 REPLACE HYDRAULIC RESERVOIRS		1	2	3	4	5	6	7	10/33
14 REPAIR HYDRAULIC PUMPS		1	2	3	4	5	6	7	10/34
15 REPLACE HYDRAULIC PUMPS		1	2	3	4	5	6	7	10/35
16 REBUILD HYDRAULIC PUMPS		1	2	3	4	5	6	7	10/36
17 REPAIR HYDRAULIC CYLINDERS		1	2	3	4	5	6	7	10/37
18 REPLACE HYDRAULIC CYLINDERS		1	2	3	4	5	6	7	10/38
19 REPAIR HYDRAULIC MOTORS		1	2	3	4	5	6	7	10/39
20 REPLACE HYDRAULIC MOTORS		1	2	3	4	5	6	7	10/40
21 REBUILD HYDRAULIC MOTORS		1	2	3	4	5	6	7	10/41
22 REPAIR POWER CONTROL VALVES		1	2	3	4	5	6	7	10/42
23 REBUILD POWER CONTROL VALVES		1	2	3	4	5	6	7	10/43
24 REPAIR STEERING CONTROL VALVES		1	2	3	4	5	6	7	10/44
25 REPLACE STEERING CONTROL VALVES		1	2	3	4	5	6	7	10/45
26 REPLACE POWER CONTROL VALVES		1	2	3	4	5	6	7	10/46
27 ADJUST PRESSURE RELIEF VALVES		1	2	3	4	5	6	7	10/47
28 REPAIR PRESSURE RELIEF VALVES		1	2	3	4	5	6	7	10/48
29 REPLACE PRESSURE RELIEF VALVES		1	2	3	4	5	6	7	10/49

	TIME SPENT	
	CHECK FREQUENCY 1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH	
30 REPAIR ACCUMULATORS	1 2 3 4 5 6 7	10/50
31 REPLACE ACCUMULATORS	1 2 3 4 5 6 7	10/51

	TIME SPENT							
	I C F H E D C O K N E	1 VERY LITTLE 2 BELOW AVERAGE 3 SLIGHTLY BELOW AVG 4 AVERAGE 5 SLIGHTLY ABOVE AVG 6 ABOVE AVERAGE 7 VERY MUCH						
PERFORM REPAIRED ENGINEER EQUIPMENT OPERATIONAL TEST DUTIES								
1 SUPERVISE PERSONNEL IN TEST OPERATING REPAIRED ENGINEER EQUIPMENT	1	2	3	4	5	6	7	10/52
2 INSTRUCT/TRAIN PERSONNEL IN TEST OPERATING REPAIRED ENGINEER EQUIPMENT	1	2	3	4	5	6	7	10/53
3 TEST OPERATE WHEELED TRACTORS	1	2	3	4	5	6	7	10/54
4 TEST OPERATE CRAWLER TRACTORS	1	2	3	4	5	6	7	10/55
5 TEST OPERATE WHEELED CRANES	1	2	3	4	5	6	7	10/56
6 TEST OPERATE CRAWLER CRANES	1	2	3	4	5	6	7	10/57
7 TEST OPERATE GRADERS	1	2	3	4	5	6	7	10/58
8 TEST OPERATE AIR COMPRESSORS	1	2	3	4	5	6	7	10/59
9 TEST OPERATE INTRENCHING MACHINES	1	2	3	4	5	6	7	10/60
10 TEST OPERATE LUBRICATORS	1	2	3	4	5	6	7	10/61
11 TEST OPERATE WELDERS	1	2	3	4	5	6	7	10/62

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12 TEST OPERATE FORKLIFT		1	2	3	4	5	6	7	10/63
13 TEST OPERATE CEMENT MIXER		1	2	3	4	5	6	7	10/64
14 TEST OPERATE ROLLERS		1	2	3	4	5	6	7	10/65
15 TEST OPERATE GENERATOR SETS		1	2	3	4	5	6	7	10/66
16 TEST OPERATE CHAIN SAWS		1	2	3	4	5	6	7	10/67
17 TEST OPERATE WATER PUMPS		1	2	3	4	5	6	7	10/68
18 TEST OPERATE BRIDGE BOATS		1	2	3	4	5	6	7	10/69
19 TEST OPERATE OUTBOARD MOTORS		1	2	3	4	5	6	7	10/70
20 TEST OPERATE PETROLEUM DISTRIBUTORS		1	2	3	4	5	6	7	10/71
21 TEST OPERATE WATER DISTRIBUTORS		1	2	3	4	5	6	7	10/72

TIME SPENT

1	VERY LITTLE
2	BELOW AVERAGE
3	SLIGHTLY BELOW AVG
4	AVERAGE
5	SLIGHTLY ABOVE AVG
6	ABOVE AVERAGE
7	VERY MUCH

PERFORM PETROLEUM EQUIPMENT MAINTENANCE DUTIES

1 SUPERVISE PERSONNEL IN PETROLEUM EQUIPMENT MAINTENANCE	1	2	3	4	5	6	7	10/73
2 INSTRUCT/TRAIN PERSONNEL IN PETROLEUM EQUIPMENT MAINTENANCE	1	2	3	4	5	6	7	10/74
3 SERVICE 50/100 GALLON PER MINUTE (GPM) PUMPING ASSEMBLIES	1	2	3	4	5	6	7	10/75
4 REPAIR 50/100 GPM PUMPING ASSEMBLIES	1	2	3	4	5	6	7	10/76
5 REPLACE 50/100 GPM PUMPING ASSEMBLIES	1	2	3	4	5	6	7	10/77
6 SERVICE 350 GPM TRAILER-MOUNTED PUMPS	1	2	3	4	5	6	7	10/78
7 REPAIR 350 GPM TRAILER-MOUNTED PUMPS	1	2	3	4	5	6	7	10/79
8 REPLACE 350 GPM TRAILER-MOUNTED PUMPS	1	2	3	4	5	6	7	11/ 1
9 ADJUST PORTABLE HAND/POWER OPERATED LUBRICATION UNITS	1	2	3	4	5	6	7	11/ 2
10 REPAIR PORTABLE HAND/POWER OPERATED LUBRICATION UNITS	1	2	3	4	5	6	7	11/ 3
11 REPLACE PORTABLE HAND/POWER OPERATED LUBRICATION UNITS	1	2	3	4	5	6	7	11/ 4

	TIME SPENT
	1 VERY LITTLE
	2 BELOW AVERAGE
	3 SLIGHTLY BELOW AVG
	4 AVERAGE
	5 SLIGHTLY ABOVE AVG
	6 ABOVE AVERAGE
	7 VERY MUCH

PERFORM RECOVERY VEHICLE DUTIES

1 SUPERVISE PERSONNEL IN RECOVERY VEHICLE OPERATIONS	1	2	3	4	5	6	7	11/ 5
2 INSTRUCT/TRAIN PERSONNEL IN RECOVERY VEHICLE OPERATIONS/ PROCEDURES	1	2	3	4	5	6	7	11/ 6
3 OPERATE 5 TON WRECKER	1	2	3	4	5	6	7	11/ 7
4 CONDUCT 5 TON WRECKER DAILY PREVENTIVE MAINTENANCE CHECKS AND SERVICES	1	2	3	4	5	6	7	11/ 8
5 DETERMINE APPROACH TO WORK SITE/DISABLED VEHICLE	1	2	3	4	5	6	7	11/ 9
6 DETERMINE RECOVERY METHOD	1	2	3	4	5	6	7	11/10
7 DETERMINE RIGGING METHOD	1	2	3	4	5	6	7	11/11
8 RIG BLOCK AND TACKLE SYSTEMS	1	2	3	4	5	6	7	11/12
9 RECOVER DISABLED VEHICLE USING SIMPLE TACKLE SYSTEM	1	2	3	4	5	6	7	11/13
10 RECOVER DISABLED VEHICLE USING COMPOUND TACKLE SYSTEM	1	2	3	4	5	6	7	11/14
11 RECOVER DISABLED VEHICLE USING NATURAL ANCHORS	1	2	3	4	5	6	7	11/15

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12 RECOVER DISABLED VEHICLE USING MECHANICAL ANCHORS	1	2	3	4	5	6	7	11/16
13 RECOVER DISABLED VEHICLE WITH FRONT WINCH	1	2	3	4	5	6	7	11/17
14 RECOVER DISABLED VEHICLE WITH REAR WINCH	1	2	3	4	5	6	7	11/18
15 LIFT/POSITION LOAD WITH HOIST WINCH/BOOM	1	2	3	4	5	6	7	11/19
16 LIFT LOAD WITH SLINGS	1	2	3	4	5	6	7	11/20
17 SIDE LIFT WITH CRANE	1	2	3	4	5	6	7	11/21
18 REAR LIFT WITH CRANE	1	2	3	4	5	6	7	11/22
19 RECOVER OVERTURNED VEHICLE	1	2	3	4	5	6	7	11/23
20 RECOVER MIRED VEHICLE	1	2	3	4	5	6	7	11/24
21 RECOVER SUBMERGED VEHICLE	1	2	3	4	5	6	7	11/25
22 PREPARE DISABLED VEHICLE FOR TOWING	1	2	3	4	5	6	7	11/26
23 TANDEM TOW DISABLED VEHICLE	1	2	3	4	5	6	7	11/27
24 HIGHWAY TOW DISABLED VEHICLE	1	2	3	4	5	6	7	11/28
25 TOW DISABLED VEHICLE CROSS-COUNTRY	1	2	3	4	5	6	7	11/29
26 COMBAT TOW DISABLED VEHICLE	1	2	3	4	5	6	7	11/30
27 SLAVE START DISABLED VEHICLE	1	2	3	4	5	6	7	11/31
28 RAISE VEHICLE USING FIELD EXPEDIENTS	1	2	3	4	5	6	7	11/32
29 SUPPORT VEHICLE USING FIELD EXPEDIENTS	1	2	3	4	5	6	7	11/33

	TIME SPENT								
	CHECK FREQUENCY	1 VERY LITTLE	2 BELOW AVERAGE	3 SLIGHTLY BELOW AVG	4 AVERAGE	5 SLIGHTLY ABOVE AVG	6 ABOVE AVERAGE	7 VERY MUCH	
30 INSPECT DISABLED VEHICLE/EQUIPMENT FOR DEFECTS AND DAMAGES		1	2	3	4	5	6	7	11/34
31 MAKE EMERGENCY EXPEDIENT MAINTENANCE REPAIRS		1	2	3	4	5	6	7	11/35

INSTRUCTIONS - TIME RATING

1. NOW THAT YOU HAVE CHECKED THOSE TASKS YOU PERFORM, RATE THE RELATIVE AMOUNT OF TIME YOU SPEND PERFORMING EACH TASK YOU HAVE CHECKED. RELATIVE TIME SPENT MEANS THE TOTAL TIME YOU SPEND DOING THE TASK COMPARED WITH THE TIME YOU SPEND ON EACH OF THE OTHER TASKS YOU PERFORM ON YOUR PRESENT JOB.

2. USE A RATING OF "1" IF YOU SPEND "VERY LITTLE" TIME ON A TASK: USE A RATING OF "2" FOR "BELOW AVERAGE"; AND SO ON, UP TO A RATING OF "7" IF YOU SPEND "VERY MUCH" TIME ON A TASK.

3. REMEMBER, YOU ARE TO TIME RATE ONLY TASKS THAT YOU HAVE ALREADY CHECKED IN THE "CHECK IF DONE" COLUMN. CIRCLE YOUR RATING, ACCORDING TO THE 7-POINT SCALE, IN THE RIGHT HAND COLUMN HEADED "TIME SPENT PERFORMING". *NOW TURN TO PAGE 24 AND BEGIN.*

JOB EVALUATION

1. What part of your job do you feel should have been included in your schooling, but was not?

2. What part of your school training are you not using in your present job?

3. What changes would you suggest be made to improve your billet MOS?

4. What changes would you suggest to improve this questionnaire?

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REMARKS PAGE

This page is provided so that you may make any additional remarks concerning your occupational field or billet which you feel should be addressed and/or considered in this study. Remember that your remarks will be held in strict confidence.

TASKS THAT I PERFORM THAT WERE NOT LISTED IN THIS QUESTIONNAIRE

MOS_____

INFORMATION PAGE FOR QUESTIONS ANSWERED "OTHER"

10. _____

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11. _____

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12. _____

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18. _____

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19. _____

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