



Nondestructive Testing Information Analysis Center

415 Crystal Creek Drive · Austin, Texas 78746 · (512) 263-2106 · FAX # (512) 263-3530

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NDT PRODUCTS AND SERVICES DATABOOK



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A DoD Information Analysis Center Operated by



TRI/AUSTIN

Best Available Copy

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Nondestructive Testing Information Analysis Center Texas Research Institute Austin, Inc. Austin, Texas

NDT PRODUCTS

AND

SERVICES DATABOOK

Contract Number DLA900-90-D-0123 TRI/Austin Project Number 90333 CDRL A005

Prepared for

Defense Technical Information Center
Headquarters
Cameron Station
Alexandria, Virginia 22314

and

Office of the Director of Defense for Research and Engineering Advanced Technology Washington, DC 20301

May 1994







I. Introduction:

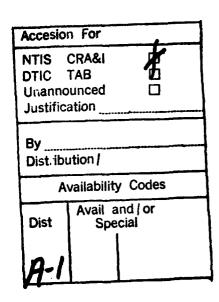
Although the NTIAC database contains 50,000 publications concerning NDE, the ability to obtain actual products and services information is not directly, or easily, provided by that database. In order to supply a simple method for the Department of Defense and it's contractors to identify the locations and capabilities of NDE firms and experts, NTIAC began accumulating NDE product and service availability information during calendar year 1993. This information has now been accumulated into a databook/database in FileMaker Pro software, and requester's who need to locate NDE related organizations can quickly and easily receive the information needed to complete specific tasks.

II. Databook/Database Format:

The NTIAC "NDT Products and Services Database" contains information on approximately 8000 companies, including divisions, subsidiaries, and representatives; government agencies, including military installations and government laboratories; and educational institutions that provide NDT products, services, instruments, equipment, supplies, accessories, training, or documents. The database contains information on organizations in 36 countries around the world, although 95% of the entries are in the U.S.

Appendix A is a sample form that would be completed for a companies entry into the database. Each database entry includes the following information fields:

Date of Original Entry Date of Last Change Company Name Address P.O. Box Suite City State Zip Code Country Telephone Number Facsimile Number Telex Twx Contact Name Affiliation NDT Method Products/Services Trade Names



Searches can be performed based on information in any of these categories, and results of three search strategies are enclosed in the appendices.

NTIAC will provide search results in either hard copy or electronic format. Results will be provided to Department of Defense personnel at no cost, and to other customers for a

fee of \$50 for the first 100 records plus one dollar for each additional record. This price mechanism is designed to deter clients from using search results as a mass mailing list.

The database has been installed on the 486/50 PC that resides in the NTIAC library, the 486/66 PC that is used by the NTIAC office staff, and the NTIAC 486/25 Portable PC. Availability of the database in the office could allow phone inquiries to be answered immediately during phone conversations, while the library computer can be used to investigate more involved or e-mail inquiries. Sample searches can be performed on the portable PC at conferences and meetings to promote NTIAC's capabilities and products. Availability of the database has been promoted by making an announcement in the April edition of the NTIAC Newsletter, and a one page notice concerning the databases uses and capabilities will be inserted into the June edition of the newsletter. This notice will also request that all recipients send information about their NDT capabilities to NTIAC for inclusion in the database.

III. Maintenance:

It is estimated that about 10 man-hours will be required each month to maintain the database. The majority of this time is expended during reviewing the new products or new services sections of the journals that NTIAC receives. These sections are reviewed to verify that each company is represented, that it's information is correct, and that new trade names are added to the database. Additional database information can be acquired by performing a DIALOG search of the PRODUCTS file once per year using keywords such as nondestructive, ultrasonic, eddy current, radiography, etc., and by collecting product literature at trade shows and conferences. The actual cost of performing a DIALOG search is dependent upon the number of matches that are identified by the search, and therefore cannot be determined until the search is performed. Additional information can be gathered by reviewing headings such as "Nondestructive Equipment Services", "Nondestructive Inspection Equipment", "Nondestructive Test Equipment", "Nondestructive Testers", "Nondestructive Testing", "Nondestructive Testing Services", "Nondestructive Testing Systems", and "Nondestructive Testing Training Schools." An initial estimate of the time required to perform such searches is 20 man-hours. This time would be expended over the course of one month each year to coincide with publication of the Thomas Register.

APPENDIX A Blank Form Completed Prior to Adding a Company to the NDT Products and Services Database.

NDT DataBank 2.3 Last Change

Company P.O. Box Suite City Zip Code State Country Telephone Fax Twx Contact **Affiliation** Society/ Education/ Testing Lab Manufacturer Distributer Industrial **Publisher** Training **Type X-Ray** Gamma Ray **Imaging** Security **Prepacks** X-Ray **NDT Method Acoustic Emission (AE)** Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) Radiographic (RT) Ultrasonic (UT) Magnetic Particle (MT) Visual/Optical (VT) Other NDT Products/Services

APPENDIX B

Results of a Search for "Producers of Ultrasonic Equipment Located in Connecticut."

Date 11/5/89

Last Change 1/7/94

| Company | | | |
|-----------------------------|--|---|--|
| Address | | | P.O. Box |
| | | | Suite |
| City | Windsor | | State CT Zip Code 06095 |
| Country Telephone | Agriculture and the contrastion of the con- | LANGER LANGE | 203-285-9398 |
| Telex | film value (film), energi Temperapper (film) (film), et Angli (fi | Tw | |
| Contact | | | |
| Affilia | ation | | Society/ Education/ |
| Indust | rial Testing Lab | X Manufacturer Distributer | Publisher Training |
| Type | X-Ray | | |
| X-Ray | Gamma Ray | Imaging Security | Prepacks |
| , ~, | | | i ichaens |
| | Method | | |
| NDT | - | X Electromagnetic (ET) | identification of Material (IM) |
| NDT Acou | Method | | |
| NDT Acous | Method stic Emission (AE) | X Electromagnetic (ET) | identification of Material (IM) |
| NDT Acous Infrar Magn | Method stic Emission (AE) red Thermal (IR) | X Electromagnetic (ET) Leak Testing (LT) | Identification of Material (IM) Liquid Penetrant (PT) |
| NDT Acous Infrar Magn | Method stic Emission (AE) red Thermal (IR) setic Particle (MT) | X Electromagnetic (ET) Leak Testing (LT) X Radiographic (RT) | Identification of Material (IM) Liquid Penetrant (PT) |
| NDT Acous Infrar Magn Visua | Method stic Emission (AE) red Thermal (IR) setic Particle (MT) sl/Optical (VT) | X Electromagnetic (ET) Leak Testing (LT) X Radiographic (RT) Other NDT | Identification of Material (IM) Liquid Penetrant (PT) X Ultrasonic (UT) |
| NDT Acous Infrar Magn Visua | Method stic Emission (AE) red Thermal (IR) setic Particle (MT) sl/Optical (VT) | X Electromagnetic (ET) Leak Testing (LT) X Radiographic (RT) | Identification of Material (IM) Liquid Penetrant (PT) X Ultrasonic (UT) |
| NDT Acous Infrar Magn Visua | Method stic Emission (AE) red Thermal (IR) setic Particle (MT) sl/Optical (VT) | X Electromagnetic (ET) Leak Testing (LT) X Radiographic (RT) Other NDT | Identification of Material (IM) Liquid Penetrant (PT) X Ultrasonic (UT) |
| NDT Acous Infrar Magn Visua | Method stic Emission (AE) red Thermal (IR) setic Particle (MT) sl/Optical (VT) | X Electromagnetic (ET) Leak Testing (LT) X Radiographic (RT) Other NDT | Identification of Material (IM) Liquid Penetrant (PT) X Ultrasonic (UT) |

Date 11/5/89

Trade Names

Last Change 1/7/94

| Company | | |
|--|--|--|
| Address | | P.O. Box 120559 |
| | | Suite |
| City East Haven | HEROTALISTANISH PAPARISH DIASE DERHAMBERAN ASEMALI DEL CEDAN PENERSINDEN | State CT Zip Code 06512 |
| Country USA | | |
| elephone | | Fax 203-466-2448 |
| Telex | | Twx |
| Contact Miss in the | | |
| Type X-Ray X X-Ray Ga NDT Method Acoustic Emission Infrared Thermal (I | (AE) X Electromagnetic (ET) R) Leak Testing (LT) | Prepacks Identification of Material (IM) X Liquid Penetrant (PT) |
| X Magnetic Particle (| | X Ultrasonic (UT) |
| Products/Service X-ray equipment and support of the characters. | | rvice on portabl ex-ray units, X-Ray film |

Date 11/6/89

Last Change 5/2/94

| Company | | NAME CONTRACTOR OF THE PROPERTY OF THE PROPERT |
|---|---------------------------------|--|
| Address - II - River & War II | | P.O. Box |
| | | Suite |
| City Ridgefield | | State CT Zip Code 06877 |
| Country USA Telephone 263-436-9698 Telex Contact | | Fax 203-438-1794 Twx |
| Affiliation Industrial Testing Late Type X-Ray | X Manufacturer Distribut | Society/ Education/ Publisher Training |
| X-Ray Gamma Ra | y maging Secur | rity Prepacks |
| NDT Method | X Electromagnetic (ET) | Identification of Material (IM) |
| Acoustic Emission (AE) | | |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (MT) Visual/Optical (VT) | Radiographic (RT) Other NDT | X Ultrasonic (UT) |
| Products/Services Computerbased automated ultra | sonic inspection systems | |
| | | |
| Trade Names | | |
| $ \mathcal{X}_{ij} = \sum_{k \in \mathcal{K}_{ij}} \mathcal{X}_{ij} \leq \sum_{k \in \mathcal{K}_{ij}} $ | | |

Date 8/19/93

Last Change 1/7/94

| Company | | | |
|---------|--------------------|--|-----------------------------------|
| Address | | | P.O. Box |
| | | | Suite |
| City | Windsor | and the state of t | State CT Zip Code 06095 |
| Country | USA | | |
| | | the control of the co | 203 683-0761 |
| Telex | | Twx | (IPAKKANI |
| Contact | | | |
| X-Ray | X-Ray | Manufacturer Distributer | Publisher Training Prepacks |
| Асоц | stic Emission (AE) | X Electromagnetic (ET) | X Identification of Material (IM) |
| Infrar | red Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magn | etic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visua | nl/Optical (VT) | Other NDT | |
| Prod | ucts/Services | | |

Date 1/9/93

Last Change 1/7/94

| Company | | |
|------------------------------|--|--|
| Address High | | P.O. Box |
| | | Suite |
| City Seymore | TIMINI INDONESIA SIA | State CT Zip Code 06483 |
| Country USA | - ducin describe that BU keywands | |
| Telephone 202-261 1445 Telex | Section of the sectio | Fax managing a man or proper a construction of the Twx |
| Contact | | |
| | | |
| Affiliation Tartin | ng Lab X Manufacturer Distribu | Society/ Education/ |
| | ng Lab X Manufacturer Distribu | ter Publisher Training |
| Type X-Ray | | |
| | ma Ray Imaging Secu | rity Prepacks |
| NDT Method | | . |
| Acoustic Emission (/ | AE) Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (M7 | Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) | Other NDT | |
| | | |
| Products/Service | T | |
| Ultrasonic test Instruments | , UT flaw detectors, Ultrasonic transducers | |
| | | |
| | | |
| | | |

Date 11/24/91 Last Change 1/7/94

| Company | i na katayir Bulun katayiri | | | |
|---|--|--------------------------------|---------------------------------|------------------------|
| Address Signature | | | P.O. Box Suite | |
| City Danbury Country USA | and the same of th | | | Zip Code 06810 |
| Telex Contact Geraid | | | Fax 203-743-3370 Twx | |
| Affiliation Industrial Type X-Ray | esting Lab | X Manufacturer Distri | buter Society/ Publisher | Education/ Training |
| | Gamma Ray | Imaging Se | curity Prepacks | |
| Acoustic Emiss | ion (AE) | Electromagnetic (ET) | [] Identification of | Material (IM) |
| Infrared Therma | i (IR) | Leak Testing (LT) | Liquid Penetran | t (PT) |
| Magnetic Partic | le (MT) | X Radiographic (RT) | X Ultrasonic (UT) | |
| Visual/Optical (| /T) | Other NDT | | |
| Products/Ser Portable gas filled inc | | stems , Air cooled x-ray gener | ators and controls, Radiation s | afety interlocks |
| | | | | |
| · | | | | |
| Trade Names | 3 | | | |
| LPX-160A, Lorad | gar park kapasan | | | |

Date 11/4/89

Last Change 5/2/94

| Company | e de la composition de glasgie de la composition de la composition de la composition de la composition de la c La composition de la | |
|---|--|--|
| Address | | P.O. Box Suite 101 |
| City New London | | State CT Zip Code 06320 |
| Country USA Telephone 200 0 2 0 10 10 10 10 10 10 10 10 10 10 10 10 1 | | Fax 203-442-2389 |
| Telex | | Twx |
| Contact Bisk Gills | | |
| Affiliation Industrial Testing Late Type X-Ray | X Manufacturer Distrib | outer Society/ Education/ Publisher Training |
| X-Ray Gamma Ra | y Imaging Sec | curity Prepacks |
| Acoustic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) Products/Services | Other NDT | |
| Ultrasonic inspection systems, A | lomated ultrasonic systems,UT te | sling equipment |
| Trade Names | | |
| ScanMaster | the first the state of the stat | gelmegagtet in mystifikas kanglas inn prinspilas kanglas inn prinspilas kanglas inn prinspilas kanglas inn pri |

Date 2/22/90

Last Change 3/21/94

| Company | | |
|--|--|---|
| Address | | P.O. Box |
| | | Suite |
| City East Hartford | | State CT Zip Code 06108 |
| Country USA | | |
| Telex | | Fax 203-289-3189 |
| | | |
| Continues to Account and Accou | | 100 100 100 100 100 100 100 100 100 100 |
| | ab X Manufacturer Distribu | ster Society/ Education/ Publisher Training |
| Type X-Ray | | |
| X-Ray Gamma I | Ray Imaging Secu | rity Prepacks |
| NDT Method | | |
| X Acoustic Emission (AE) | X Electromagnetic (ET) | identification of Material (IM) |
| infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) | Other NDT | |
| | | |
| Products/Services | | |
| Piezoceramic crystals,Ultrason | c transducers | |
| | - (孝) - (11) - (12) - (13) - (13) - (13) - (13) - (13) - (13) - (13) - (13) - (13) - (13) - (13) - (13) - (13) | |
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| | | |
| Trade Names | | |
| Spectrum | i di permenjarah sebesah permenjarah | |

Date 8/26/93

Last Change 1/7/94

| Company | | | | | | 1 |
|---------|------------------------|----------------------|---|----------------|------------------|---|
| Address | | | | P.O. Box | | |
| | | | | Suite | | |
| City | Fairf iel d | | it fair faire bhailt a bhaif a catain a bhailt a ch | State CT | Zip Code 06430 | |
| Country | USA | | | | | |
| - | 203-000-0500 | | Fax 203 36 | 38-1922 | | |
| Telex | | | Twx | | | |
| Contact | | | | | | |
| X-Ray | X-Ray | X Manufacturer | Security | Prepacks | Training | |
| | | Electromagnetic (ET) | | | of Material (IM) | |
| Acou | stic Emission (AE) | Electronagnetic (E1) | | entification (| - massian timi | |
| | red Thermal (IR) | Leak Testing (LT) | | iquid Penetra | • • | |
| Infra | • | | | | ent (PT) | |
| infra | red Thermal (IR) | Leak Testing (LT) | | iquid Penetra | ent (PT) | |

Date 11/4/89

Last Change 1/7/94

| Company | | |
|---|--|--|
| Address | | P.O. Box 328 |
| | | Suite 11A |
| City East Lyme | one and the second seco | State CT Zip Code 06333 |
| Country USA | | area established |
| Telephone MS 3348 | | Fax 203-739-9408 |
| Contact Risks - Was | | |
| | Additional Processing State (1994) | MANUFACTURE CONTROL OF THE CONTROL O |
| Affiliation | | Society/ Education/ |
| | b X Manufacturer Distribut | Publisher Training |
| Type X-Ray | | |
| X-Ray Gamma R | ay Imaging Secur | ity Prepacks |
| NDT Method | | |
| Acoustic Emission (AE) | X Electromagnetic (ET) | identification of Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) | Other NDT | |
| | | |
| Products/Services | | |
| Eddy current inspection units, D systems Robotics for automated | igital micrometers for thickness gaugin inspection, Automatic computerized u | g,Ultrasonic digital imaging Brasonica meneriton systems |
| | | |
| | | |
| | | |
| Trade Names | | |

Tomoscan with the war and the second of the

Date 11/7/89

Last Change 1/7/94

| Company | | |
|---|---|--|
| Address | | P.O. Box 635 |
| City Branford | | State CT Zip Code 06405 |
| Country USA | enga ganaranang at ing kang ang pang ang sa sanggan ang tanggan ang sa sanggan ang tanggan ang tanggan ang sa | |
| slephone 35 | | Fax 203-481-6370 |
| Telex | | Twx |
| Contact Car Service | | 拉斯里斯阿爾森 |
| Affiliation Industrial Testing Lab Type X-Ray | X Manufacturer Distrib | Society/ Education/ Publisher Training |
| X X-Ray Gamma Ra | y X Imaging Sec | curity Prepacks |
| Acoustic Emission (AE) | X Electromagnetic (ET) | X Identification of Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magnetic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| X Visual/Optical (VT) | Other NDT | |
| Products/Services | | ential x-ray systems, Realtime x-ray |
| Trade Names | | |

Date 7/2/91

Last Change 1/7/94

| Company | | |
|---|---|--|
| Address | | P.O. Box Suite 330 |
| City Norwalk | | State CT Zip Code 06851 |
| Country USA Telephone | Fa | x 203-762-8476 |
| Telex | TV | |
| Contact Russian | | |
| Affiliation Industrial Testing Lab Type X-Ray | X Manufacturer Distributer | Society/ Education/ Publisher Training |
| X X-Ray Gamma Ray | X Imaging Security | Prepacks |
| NDT Method | | |
| Acoustic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (MT) | X Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) | Other NDT | |
| Products/Services Industrial x-ray tubes, x-ray tube r | eplacement inserts, Dual energy x-ray t | |
| | | |
| Trade Names | | |
| Golmay, Mostelic | | and the state of t |
| 1 | | |
| | | |

APPENDIX C Results of a Search for "Acoustic Emission Testing Laboratories."

Date 1/10/93

Last Change 1/7/94

| Company | | | | |
|-----------|--|---|--------------------|-----------------------|
| Address | | Pini Maganthian i i | P.O. Box | |
| | | | Suite Suite | |
| City | Baton Rouge | der Paris Met Ersteller der Machen der Stade der Stade Paris der Machen der Bereiten der Stade der Stade der S Stade der Stade der | State LA | Zip Code 70805 |
| Country | USA | | | |
| Telephone | the state of the s | | Fax 504-357-5481 | |
| Telex | | | Twx | |
| Contact | | | | |
| X-Ray | rial XTesting Lab | | | Education/ Training |
| X Acou | stic Emission (AE) | Electromagnetic (ET) | [] Identification | of Material (IM) |
| Infra | red Thermal (IR) | Leak Testing (LT) | Liquid Penetra | ant (PT) |
| Magr | vetic Particle (MT) | Radiographic (RT) | Ultrasonic (U1 | 7 |
| Visus | N/Optical (VT) | Other NDT | | |
| | ucts/Services mission testing and insp | ection services, NDT services | | |

Date 4/23/93

Last Change 1/7/94

| Company | | | |
|------------------|--|--------------------------------------|--|
| Address | | | P.O. Box 2207 |
| | | | Suite |
| • | Conroe | | State TX Zip Code 77303 |
| Country elephone | No torque a la regiona de contrata de la contrata del contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata del contrata del contrata de la contrata de la contrata del contrat | | Fax (Albert Communication Communication (Communication Communication Communication Communication Communication |
| Telex | Unit institutionidifficialistis in the interior of an interior contract of | | Twx |
| Contact | | | |
| Affilia | ation | | |
| Indust | rial X Testing Lab | Manufacturer Distribute | Society/ Education/ Training |
| Type | X-Ray | | |
| X-Ray | Gamma Ray | Imaging Securi | y Prepacks |
| NDT | Method | | |
| X Acou | stic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) |
| Infrar | red Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magn | netic Particle (MT) | Radiographic (RT) | Ultrasonic (UT) |
| Visua | NOptical (VT) | Other NDT | |
| | | | |
| | ucts/Services mission testing and insp | ection services, NDT consulting serv | ces |
| | | | |
| | | | |
| | | | |
| | | | |

Date 11/18/92

Last Change 1/7/94

| Company | | | | |
|----------------------|-----------------------------|--|---------------------------------|--|
| Address | | | P.O. Box Suite | |
| City | Sacramento | CERTAIN PERMENDANT (1.1. A. | State CA Zip Code 95825 | |
| Telex | | | Fax 916-483-2124 | |
| Contact | | | | |
| X-Ray | rial XTesting Lab | Manufacturer Distribu | | |
| X Acous | stic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) | |
| Infrar | ed Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) | |
| | etic Particle (MT) | Radiographic (RT) Other NDT | X Ultrasonic (UT) | |
| Produ IDT testing | ucts/Services g services | | | |

Date 11/18/92

Last Change 1/7/94

| Company | | Ţ. | |
|--|--|---------------------------------|------|
| Address | | P.O. Box Suite | |
| City Fair Oaks | | State CA Zip Code 95628 | |
| Country USA | C. SANSON | | |
| Telex | | in Fax (Finish (Bhillian B) | |
| Contact Contact Resides | | | |
| en proportion branch and has 1515552111. In continuous and an analysis of the second analysis of the second analysis of the second and an analysis of the se | | | بنند |
| Affiliation | | Society/ Education/ | |
| Industrial X Testing Lab | Manufacturer Distril | buter Publisher Training | |
| Type X-Ray | | | |
| X-Ray Gamma Ray | Imaging Sec | curity Prepacks | |
| NDT Method | | | |
| X Acoustic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) | |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) | |
| Magnetic Particle (MT) | Radiographic (RT) | Ultrasonic (UT) | |
| Visual/Optical (VT) | Other NDT | | |
| | | | |
| Products/Services | | | |
| Festing and consulting services | | | |
| | | | |
| | | 기가 이번 바다 아니라 하는데 하는데 하는데 없다. | |
| | | | |
| Trade Names | | | |
| And the second of the second o | State of the control of | | |

Date 4/6/92

Last Change 1/7/94

| Company | | , |
|---|---|---------------------------------|
| Address ################################### | | P.O. Box |
| | | Suite |
| City Santa Clara | | State CA Zip Code 95054 |
| Country USA | eraneterin er ametria. 12. i (doc 17. com remon deritado en esta en en esta en esta en esta en esta en esta | and man like |
| Hephone 404-988-0988 | ELECTRONIC DE LE PROPERTIE DE LA CONTROL DE | Fax 408-980-1806 |
| Telex | | ELL RES |
| | | |
| Affiliation | | Society/ Education/ |
| Industrial X Testing Lai | Manufacturer Distribute | Publisher Training |
| Type X-Ray | | |
| X X-Ray X Gamma Ra | ay Imaging Securit | y Prepacks |
| NDT Method | | |
| X Acoustic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magnetic Particle (MT) | X Radiographic (RT) | X Ultrasonic (UT) |
| X Visual/Optical (VT) | Other NDT | |
| Products/Services (DT laboratory inspection services) | es in field and lab | |
| Trade Names | | |

Date 4/6/92

Last Change 1/7/94

| Company | |
|---|---------------------------------|
| Address Biggs Biggs (1) | P.O. Box |
| | Suite |
| City Raleigh | State NC Zip Code 27613 |
| Country USA | |
| Telephone P19-782-4590 Fa | IX 919-782-5732 |
| Contact | Make thousand |
| | |
| Affiliation | Society/ Education/ |
| Industrial X Testing Lab Manufacturer Distributer | Publisher Training |
| Type X-Ray | |
| X X-Ray X Gamma Ray Imaging Security | Prepacks |
| NDT Method | |
| X Acoustic Emission (AE) X Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magnetic Particle (MT) X Radiographic (RT) | X Ultrasonic (UT) |
| W 15 | |
| X Visual/Optical (VT) Other NDT | |
| | |
| Products/Services | |
| | |

Date 1/29/90

Last Change 5/17/94

| Company | | | |
|----------|--|--|--|
| Address | · 大大學 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 | | P.O. Box 35 |
| | | | Suite |
| City | Stafford Springs | | State CT Zip Code 06076 |
| Country | and the second s | and the state of t | |
| - | SUPPLIES AND A SECOND | e militarius dinteres de la companya | 203-884-3302 |
| Telex | | Tw | |
| Contact | hadrade de radio dade area de la companya del companya de la companya de la companya del companya de la company | | |
| Affilia | | Manufacturer X Distributer | Society/ Education/ Publisher X Training |
| Type | X-Ray | | |
| X-Ray | Gamma Ra | y maging Security | Prepacks |
| NDT I | Method | | |
| X Acous | stic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| X Infrar | ed Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magn | etic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| X Visua | WOptical (VT) | Other NDT | |
| | ucts/Services mission testing service | s, Training courses, Physical Acoustics D | isiributor |
| Trade | e Names | | |

Date 11/14/89

Trade Names

Last Change 5/16/94

| Address | | | P.O. Box |
|---------|--|--|--------------------------------|
| | | | Suite |
| City | Elk Grove Village | , попить в поставляний попить по поставлений под под поставлений под под поставлений под под под под под под п | State IL Zip Code 60007-6098 |
| Country | USA | | |
| | dishupa dan kana dika da dan kata da | | (706-981-939 6 |
| Telex | | Two | NASCESTER |
| Contact | | | |
| X-Ray | X-Ray | Manufacturer Distributer Imaging Security X Electromagnetic (ET) | Publisher X Training Prepacks |
| | • • | • • • | <u> </u> |
| | red Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| Intra | red Thermal (IR) | | |
| Infra | • • | Leak Teeting (LT) | X Liquid Penetrant (PT) |

Date 6/18/91

Last Change 1/7/94

| Company | | ,/ <u>42</u> | |
|-------------|--|--|--|
| m Address | | | P.O. Box |
| | | | P.O. Box Suite |
| City | Santa Clara | Control of the Contro | State CA Zip Code 95051 |
| Country | | | |
| • | | | Fax 408-245-3735 |
| Telex | | The sufficient of a condition of the state o | Twx |
| Contact | The second secon | | |
| Affilia | etion | | |
| _ Indust | | Manufacturer Distrit | outer Society/ Education/ Publisher Training |
| | X-Ray | | - Curisitei |
| | | | |
| X X-Ray | | Imaging Sec | curity Prepacks |
| | Method | | |
| X Acou | stic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) |
| Infrar | red Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magn | netic Particle (MT) | X Radiographic (RT) | X Ultrasonic (UT) |
| X Visua | el/Optical (VT) | Other NDT | |
| | | | |
| Prod | ucts/Services | | |
| NOt testing | services laboratory | | |
| | | | |
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Date 1/9/93

Last Change 1/7/94

| Company | | | |
|----------------------|--|--|--|
| Address | Andrewski militari i di su | | P.O. Box |
| | | | Suite |
| - | Trenton | | State NJ Zip Code 08638 |
| Country Telephone | USA ONC. DEL COMO | | ex 609-883-3480 |
| Telex | the residence of the second control of the s | The state of the s | MX |
| Contact | | | |
| Affili | ation | | Palantinal |
| Indust | rial X Testing Lab | Manufacturer Distributer | Society/ Education/ Publisher Training |
| Туре | X-Ray | | |
| X-Ray | y Gamma Ray | Imaging Security | Prepacks |
| NDT | Method | | |
| X Acou | ustic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) |
| Infra | red Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magr | netic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visua | al/Optical (VT) | Other NDT | |
| | | | |
| | lucts/Services ctive testing inspection | services | |
| | | | |
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| | | | Maria de la companya |

Date 3/1/94

Last Change 3/1/94

| Company | | | |
|-----------|--|--|--|
| Address | | Marka ka ka ka marana manana manaka ka | P.O. Box |
| | | | Suite |
| City | Silver Spring | | State MD Zip Code 20910 |
| Country | CONSIDER CONTROL CONTROL NO. CONTROL AND ADDR. | A Herz I Har V.S. Salvinsko | |
| _ | | Fax Tw | k (301) 495-7739 Problem 1 |
| Telex | | | <u>^</u> |
| Contact | in dia new controversion to Manufactoric est en en militario de la controversión de la | | |
| Affilia | ation | | Society/ Education/ |
| X Industr | rial X Testing Lab | Manufacturer Distributer | Society/ Education/ Publisher Training |
| Type | X-Ray | _ - | |
| X-Ray | Gamma Ra | Imaging Security | Prepacks |
| NOT | Method | | |
| X Acous | stic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) |
| Infrar | ed Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| Magn | etic Particle (MT) | Radiographic (RT) | X Ultresonic (UT) |
| | l/Optical (VT) | Other NDT | <u></u> |
| L 1 | | | |
| Produ | ucts/Services | | |
| | | entation and engineering services. | |
| Keywords: | accelerometers, acou | stics, predictive maintenance, signal ana | lysis, vibration |
| | | | |
| | | | |
| Trade | e Names | | |

Date 11/18/92

Last Change 1/7/94

| Company | | | |
|------------------------|--|--|-------------------------|
| Address | | | P.O. Box |
| J | | | Suite |
| City | Phoenix | Mitoriani ar — 12 5 feath ann mitoriae Man An Carlotte | State AZ Zip Code 85009 |
| Country | USA | | |
| Telephone | | Tarana and a second | ax 602-272-7239 |
| Telex | | | WX |
| Contact | | | |
| X-Ray NDT X Acou | X-Ray Gamma Ray Method stic Emission (AE) | | |
| Infra | red Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| X Magn | netic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visus | al/Optical (VT) | X Other NDT | |
| | ucts/Services ilting services | | |

Date 1/10/93 Last Change 1/31/94

| Company | |
|---|--|
| | P.O. Box 371 Suite |
| City Katy | State TX Zip Code 77492 |
| Telephone Telex | Fax Twx |
| Contact | |
| Affiliation Industrial X Testing Lab Manufacturer Type X-Ray | Society/ Education/ Publisher Training |
| X-Ray Gamma Ray Imaging NDT Method | Security Prepacks |
| X Acoustic Emission (AE) X Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) X Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magnetic Particle (MT) X Radiographic (RT) | X Ultrasonic (UT) |
| X Visual/Optical (VT) Other NDT | |
| Products/Services Nondestructive testing inspection services, Robots for retrieva | l services |
| | |

APPENDIX D

Results of a Search for "Staveley Companies."

Date 11/8/89

Last Change 5/17/94

| Address | | | P.O. Box | |
|-----------|--|---|---|--|
| | | | Suite | |
| City | Chatsworth | | State CA Zip Code 91311 | |
| Country | USA | | • | |
| Telephone | | | Fax fight neutrages them to see a control of the | |
| Telex | - The second sec | Care Company of Company | Twx | |
| Contact | | | | |
| X-Ray | X-Ray Gamma Ra | y Imaging Secu | urity Prepacks | |
| | Method stic Emission (AE) | Electromagnetic (ET) | Identification of Material (IM) | |
| Acou | | Electromagnetic (ET) Leak Testing (LT) | Identification of Material (IM) Liquid Penetrant (PT) | |
| Acou | etic Emission (AE) | | | |
| Acou | etic Emission (AE) | Leak Teeting (LT) | Liquid Penetrant (PT) | |

Date 11/5/89

Last Change 1/7/94

| Company | | | |
|--|-------------------------------|---------------------------------------|------------------------|
| Address | | P.O. Box | |
| City Kennewick | | State WA | Zip Code 99336 |
| Country USA elephone Telex Contact | | Fax 509-735-4672 Twx | |
| Affiliation Industrial Testing Lab Type X-Ray X-Ray Gamma Ra | | society/ Publisher Becurity Prepacks | Education/ Training |
| Acoustic Emission (AE) | X Electromagnetic (ET) | X Identification o | f Material (IM) |
| Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetra | nt (PT) |
| Magnetic Particle (MT) | X Radiographic (RT) | X Ultrasonic (UT |) |
| Visual/Optical (VT) | X Other NDT | | |
| Products/Services Portable ultrasonic flaw detection | instruments, Transducers, NDT | equipment distributor | |

Date 2/22/90

Last Change 5/16/94

| Company | | | |
|-----------------------------|---|--|--|
| Address | 各の機能を対する。 主なが実施を対象がある。 主なが実施を対象がある。 は、 は、 は、 は、 は、 は、 は、 は、 は、 は、 | | 56.0 1 6 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 |
| City | Bethel | | State CT Zip Code 06801 |
| Country dephone Telex | USA 203-701-1110 201-80 | Fax Twx | and a should differ the latter of the latter |
| Contact | | | |
| X-Ray | X-Ray | Manufacturer Distributer Imaging Security | Society/ Education/ Publisher X Training Prepacks |
| | stic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| Infra | red Thermal (IR) | Leak Testing (LT) | X Liquid Penetrant (PT) |
| X Magn | etic Particle (MT) | X Radiographic (RT) | X Ultrasonic (UT) |
| X Visua | el/Optical (VT) | Other NDT | |
| | ucts/Services al marketer of NDT prod | ucts, NDT training courses | |

Date 2/22/90

Last Change 5/16/94

| Company | | | |
|-----------------|--|------------------------|---|
| Address | | | P.O. Box |
| | | | Suite |
| City | Columbus | | State OH Zip Code 43207 |
| Country lephone | . Altanologia and a second and analysis and altanological | | Fax to obtain a managaman pagaman pagaman and the contract of |
| Telex | A CONTRACTOR OF THE STATE OF TH | anta miningan nga asat | Twx |
| Contact | | | |
| X-Ray | X-Ray Gamma Ray Method | Imaging Secur | ity Prepacks |
| | stic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| Infra | red Thermal (iR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| X Magn | etic Particle (MT) | X Radiographic (RT) | X Ultrasonic (UT) |
| Visus | al/Optical (VT) | Other NDT | |
| | | | |

Date 2/22/90

Last Change 3/21/94

| City East Hartford State CT Zip Code 06108 Country USA phone 203-269-5426 Telex Twx Contact Tony Rulz Affiliation Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) X Ultrasonic (UT) Magnetic Particle (MT) Rediographic (RT) X Ultrasonic (UT) | ompany | | |
|--|--------------------------------|--|---------------------------------|
| City East Hantford State CT Zip Code 06108 Country USA phone 203-289-5428 | ddress E | | P.O. Box |
| phone 203-289-5428 Telex Tony Rub: Affiliation Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | | | Suite |
| Telex TWX Contact Tony Ruiz Affiliation Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | City East Hartford | атини на при 1935 година (1945 година 1945 година (1945 година 1945 година (1945 година 1945 година (1945 годи | State CT Zip Code 06108 |
| Telex Twx Contact Total Rule Affiliation Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | Country USA | | |
| Affiliation Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | phone 201-280-54-98 | Ballotta a martines inclus | |
| Affiliation Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | | www.componenter | |
| Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | Contact CON RUE | | |
| Industrial Testing Lab X Manufacturer Distributer Publisher Training Type X-Ray X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | Affiliation | | |
| X-Ray Gamma Ray Imaging Security Prepacks NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | Industrial Testing Lab | X Manufacturer Distrib | |
| NDT Method Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | | | |
| Acoustic Emission (AE) X Electromagnetic (ET) Identification of Material (IM) Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | X-Ray Gamma Ra | y Imaging Sec | urity Prepacks |
| Infrared Thermal (IR) Leak Testing (LT) Liquid Penetrant (PT) | NDT Method | | |
| | Acoustic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| Magnetic Particle (MT) Radiographic (RT) X Ultrasonic (UT) | Infrared Thermal (IR) | Leak Testing (LT) | Liquid Penetrant (PT) |
| | Magnetic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) Other NDT | Visual/Optical (VT) | Other NDT | Paris, and |
| | Products/Services | | |
| Products/Services | zoceramic crystals, Ultrasonic | transducers | |
| | | | |
| and the control of th | | | |
| and the control of th | | | |
| Products/Services zoceramic crystals,Ultrasonic transducers | Trade Names | | |
| and the control of th | | Sjortjer en en met en gjarstegræft. | |

Date 3/21/94

Last Change 5/1/94

| Company | | |
|-------------------------------------|---|---------------------------------|
| Address | | P.O. Box |
| | | Suite |
| City Berks SL1 4QB | iliinikkaniniaasituskaa ramangentiisan ika kili asinii i | State Zip Code |
| Country UK (United Kingdom) | | |
| Telex 849282 | | Fax 0753 821038 |
| Contact | | |
| | | |
| Affiliation | | Society/ Education/ |
| Industrial Testing Lab | X Manufacturer Distribut | ter Publisher Training |
| Type X-Ray | | |
| X-Ray Gamma Ray | Imaging Secu | rity Prepacks |
| NDT Method | | |
| X Acoustic Emission (AE) | X Electromagnetic (ET) | Identification of Material (IM) |
| Infrared Thermal (IR) | Lask Testing (LT) | Liquid Penetrant (PT) |
| Magnetic Particle (MT) | Radiographic (RT) | X Ultrasonic (UT) |
| Visual/Optical (VT) | Other NDT | |
| | | |
| Products/Services | | |
| Piezoceramic crystals, Ultrasonic I | ransducers | |
| | | 선생님 |
| | | |
| | | |

Trade Names

Spectrum