

SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| <p>1. LICENSEE/LOCATION INSPECTED: <i>TYME ENGINEERING, INC.</i> <i>32121 SCHOOLCRAFT AVE.</i> <i>LIVONIA, MI 48150</i></p> | <p>2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352</p> |
| <p>REPORT NUMBER(S) 2012-001</p> | |

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| <p>3. DOCKET NUMBER(S) <i>030-36599</i></p> | <p>4. LICENSE NUMBER(S) <i>21-32523-01</i></p> | <p>5. DATE(S) OF INSPECTION <i>8/21/12</i></p> |
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LICENSEE:

The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, and corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy, to exercise discretion, were satisfied.

Non-cited violation(s) were discussed involving the following requirement(s):

- 4. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements and are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
(Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

| TITLE | PRINTED NAME | SIGNATURE | DATE |
|---------------------------|-------------------|--------------------|----------------|
| LICENSEE'S REPRESENTATIVE | | | |
| NRC INSPECTOR | E.L. Kulzer | <i>E.L. Kulzer</i> | <i>8/21/12</i> |
| BRANCH CHIEF | <i>T. Bloomer</i> | <i>[Signature]</i> | <i>8/31/12</i> |

Docket File Information
SAFETY INSPECTION REPORT AND COMPLIANCE INSPECTION

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| 1. LICENSEE/LOCATION INSPECTED: Tyme Engineering, INC. 32121 Schoolcraft Ave, Livonia, MI 48150 REPORT NUMBER(S) 2012001 | 2. NRC/REGIONAL OFFICE Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352 |
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| 3. DOCKET NUMBER(S) 030-36599 | 4. LICENSE NUMBER(S) 21-32523-01 | 5. DATE(S) OF INSPECTION 8/21/12 |
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| 6. INSPECTION PROCEDURES USED IP 87124 | 7. INSPECTION FOCUS AREAS 03.01-03.07 |
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SUPPLEMENTAL INSPECTION INFORMATION

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| 1. PROGRAM CODE(S) 3121 | 2. PRIORITY 5 | 3. LICENSEE CONTACT Brian Hibdon | 4. TELEPHONE NUMBER (248) 356-8440 |
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Main Office Inspection Next Inspection Date: 8/21/2017

Field Office Inspection

Temporary Job Site Inspection 23 mile to county line road, US 94

PROGRAM SCOPE

The licensee is a small engineering firm that employs 126 individuals. The licensee possesses 18 Troxler Model 3400, 4300, and 4640 Series moisture density gauges, for use daily/weekly during the construction season (May-November) for soils engineering projects. The licensee does not perform any service or maintenance activities on its gauges; these services are performed by the manufacturer. Currently, the licensee employs eight authorized gauge users who have completed manufacturers training. Device is stored in a vault in the licensee's office in Livonia, Michigan.

Performance Observations

At the time of this inspection, the gauges were in use at a temporary job site in Livonia, Michigan. The operator possessed required shipping papers which contained all appropriate information and were accessible in the transport vehicle. Gauge/case were locked and chained to the rear of the vehicle during transport. The operator demonstrated an adequate level of understanding of emergency and handling procedures during job-site interviews. Security during transport and at the job-site was described and observed respectively with no problems noted. The inspector performed independent and confirmatory radiation measurements which indicated similar results as noted in the licensee's survey records.