Capability Report

April, 2019
**Background:**

Vector Systems, Inc. versatility and innovative thinking has allowed it to conduct business in a variety of industries including the following:

- Power
- Petrochemical
- Food & Bakery
- Gypsum
- Cement
- Automotive
- Fluid Transfer
- Oil & Gas Production
- Off shore
- Manufacturing
- Systems Integration

**Company Milestones:**

- 1987 Starts Controls/Automation Business in 3,000 sq foot facility – Richardson, Texas
- 1994 Panel Shop Certifies to UL-508 standards
- 2000 Moves a few blocks north to 8,000 sq foot facility
- 2000 Adds Steel Fabrication and Skid assembly
- 2002 Begins supplying complete ammonia systems for the SCR from truck delivery to injection
- 2004 Expands to 15,000 sq feet
- 2006 Moves to new ‘grass field’ 36,000 sq foot facility in McKinney, Texas
- 2008 Receive ASME Section VIII, Div 1 pressure vessel ‘U’ & ‘R’ stamps
- 2010 Canadian Welding Bureau (CWB) Certification
- 2012 ISO 9001 Certification
- 2014 Addition of 2,500 SQ foot of office space
- 2018 Dedicated ASME Pressure Vessel Shop – 6,400 SQ Foot in Bonham, Texas

**Facilities:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Use</th>
<th>Current Square Footage</th>
</tr>
</thead>
</table>
| 411 McKinney Parkway 
McKinney, Texas 75071 
214-544-9500 | Office Space: | 8,100 |
| | Control Panel Fabrication: | 1,500 |
| | Mechanical Fabrication and Assembly: | 26,400 |
| | Mezzanine – Office & Storage | 2,500 |
| 711 Corsair Drive 
Bonham, Texas 75418 
903-486-6256 | ASME Pressure Vessel Fabrication | 6400 |
| | Total Square Footage: | 44,900 |

Welding Certifications:

- Gas Tungsten Arc Welding (GTAW)
- Gas Metal Arc Welding (GMAW)
- Submerged Metal Arc Welding (SAW)
- Flux Core Arc Welding (FCAW)
- Shielded Metal Arc Welding (SMAW)

PLC Programming Capabilities:

- Allen Bradley
- Modicon
- GE
- Siemens S-Series
- Automation Direct

NDE Capabilities:

- Radiographic Testing (RT)
- Positive Material Identification (PMI)
- Liquid Penetrant Examination (PT)
- Ultrasonic Testing
- Hardness Testing
- Ferrite Testing

**Equipment:**

<table>
<thead>
<tr>
<th>Handling</th>
<th>Production</th>
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<tbody>
<tr>
<td>Hyster 155 - 15,300 lb Forklift</td>
<td>Engine Lathe 20” x 106”</td>
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<tr>
<td>Baker - 4,000 lb Forklift</td>
<td>Bridgeport Mill – Series I</td>
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<tr>
<td>Clarke - 3,500 lb Forklift</td>
<td>Multi-head gang drill</td>
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<tr>
<td>20 ton Bridge Crane</td>
<td>Power Slip rolls – 60” x 3/8” thick capacity</td>
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<tr>
<td>5 ton Bridge Crane</td>
<td>13” Horizontal Band Saw</td>
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<tr>
<td>(2) 40 Ton Bridge Cranes – Future</td>
<td>11” Horizontal Band Saw</td>
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<tr>
<td>2 ton Jib Crane</td>
<td>800 Amp Linde Sub-Arc Welder w/ 20’ x 12’ manipulator</td>
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<tr>
<td>2 ton Gantry Crane</td>
<td>(5) Miller Syncrowave 250 Welder</td>
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<tr>
<td>24 Shelf Vertical storage Carousel</td>
<td>(1) Miller Syncrowave 200 Welder</td>
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<tr>
<td>(2) 2 ton Turning Rolls</td>
<td>(1) Miller Syncrowave 180SD</td>
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<tr>
<td>(1) 5 ton Turning Rolls</td>
<td>(3) Miller Delta-Fab Welder w/ 24V wire feeds</td>
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<tr>
<td>(1) 11 ton Turning Rolls</td>
<td>(1) Miller Goldstar 452 Welder</td>
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<tr>
<td>(1) 20 ton Turning Rolls</td>
<td>(1) Miller Maxtron 450</td>
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<tr>
<td>Pandjris Pipe Rollers</td>
<td>(1) Miller-matic 251</td>
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<tr>
<td>(2) 4000 lb Weld Positioner</td>
<td>(1) Miller SD-400, 600 amp welder</td>
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<tr>
<td>Hypertherm 300 Plasma Cutter</td>
<td>(1) 60 ton Ironworker</td>
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<tr>
<td>Miller Spectrum 1000 Plasma Cutter</td>
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<tr>
<td>Milwaukee Portaband &amp; Mag Drill</td>
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<tr>
<td>Drill Press</td>
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**Employees (Total 59):**

- Drafting & Design - 8
- Project Management - 6
- Panel Fabrication – 4
- Assembly – 7
- Accounting/HR - 4
- Field Services & Programming - 3
- QA/QC – 3
- Welding – 14
- Material Handling – 4
- Sales - 4