

ATTACHMENT 9 – NOAA SAFETY ASSESSMENT CHECKLIST  
Version 2 – August 2002

**Facility Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Address:** \_\_\_\_\_ **City:** \_\_\_\_\_ **ST:** \_\_\_\_\_ **Zip:** \_\_\_\_\_  
**POC:** \_\_\_\_\_ **Email:** \_\_\_\_\_  
**Phone:** \_\_\_\_\_ **Fax:** \_\_\_\_\_ **Team Letter:** \_\_\_\_\_

| PROTOCOL  | APPLICABILITY   | APPLICABILITY |   |    |        |
|---|---|---------------|---|----|--------|
|   |   | Y             | N | NA | Unsure |
| <b>INSPECTIONS CONDUCTED</b>  |   |               |   |    |        |
| Are any internal inspections conducted (i.e. general work areas, equipment, fire extinguishers, etc.)?  | LIST TYPES OF INSPECTIONS<br><ul style="list-style-type: none"> <li>Fire extinguishers, safety shower eyewashes, lab inspections.</li> </ul>  |               |   |    |        |
| <b>INSPECTIONS, CITATIONS, AND PROPOSED PENALTIES: (29 CFR 1903)</b>  |   |               |   |    |        |
| Has the facility received any regulatory inspections, citations, or proposed penalties?   |   |               |   |    |        |
| <b>OSHA 300 LOG/MEDICAL RECORDS: (29 CFR 1904)</b>  |   |               |   |    |        |
| Are occupational injuries and illnesses recorded on a log?  | <ul style="list-style-type: none"> <li>Incident that results in a fatality or the hospitalization of three or more employees.</li> </ul>  |               |   |    |        |
| Are employees medical and exposure records maintained or managed?   | <ul style="list-style-type: none"> <li>General industry, maritime, and construction employers</li> </ul>  |               |   |    |        |
| <b>WALKING/WORKING SURFACES AND GUARDING: (29 CFR 1910.22 AND 23)</b>   |   |               |   |    |        |
| Are walking/working surfaces adequately managed (i.e. floor loading marked, open pits, tanks, vats, and ditches provided with covers, safe clearances allowed where mechanical handling equipment is used, etc.)? | <ul style="list-style-type: none"> <li>All permanent places of employment.</li> </ul>   |               |   |    |        |
| Are all floor and wall openings guarded?  | <ul style="list-style-type: none"> <li>All permanent places of employment.</li> </ul>   |               |   |    |        |
| <b>LADDERS/ELEVATED PLATFORMS: (29 CFR 1910.24-28)</b>  |   |               |   |    |        |
| Are there any fixed industrial stairs in the facility?  | <ul style="list-style-type: none"> <li>Includes interior and exterior stairs around machinery, tanks, and other equipment, and stairs leading to or from floors, platforms, or pits. This section does not apply to stairs used for fire exit purposes, to construction operations to private residences, or to articulated stairs, such as may be installed on floating roof tanks or on dock facilities, the angle of which changes with the rise and fall of the base support</li> </ul> |               |   |    |        |
| Are there any portable wood ladders used at the facility?   | <ul style="list-style-type: none"> <li>Applies to common types of portable wood ladders. Fruitpicker's ladders, combination step and extension ladders, stockroom step ladders, aisle-way step ladders, shelf ladders, and library ladders are not specifically covered by regulation.</li> </ul>   |               |   |    |        |
| Are there any portable metal ladders  |   |               |   |    |        |

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| used at the facility?  |   |   |   |    |        |
| Are there any fixed ladders in the facility?   | <ul style="list-style-type: none"> <li>"Fixed ladder." A fixed ladder is a ladder permanently attached to a structure, building, or equipment. . This does not apply to stairs used for fire exit purposes, to construction operations to private residences, or to articulated stairs, such as may be installed on floating roof tanks or on dock facilities, the angle of which changes with the rise and fall of the base support</li> </ul> |   |   |    |        |
| Is scaffolding used at the facility?   |   |   |   |    |        |
| <b>MANUALLY PROPELLED MOBILE LADDERS AND SCAFFOLDS (TOWERS): (29 CFR 1910.29)</b>  |   |   |   |    |        |
| Are manually propelled mobile ladder stands or scaffolds used at the facility?   | <ul style="list-style-type: none"> <li>Mobile work platforms (including ladder stands but not including aerial ladders) and rolling (mobile) scaffolds (towers)</li> <li>Manually propelled mobile scaffold - A portable rolling scaffold supported by casters</li> </ul>   |   |   |    |        |
| Are other working surfaces located in or used at the facility?   | <ul style="list-style-type: none"> <li>Portable and powered dock boards (bridge plates), forging machines, aisles used by employees for bringing and removing materials, steam vats.</li> </ul>   |   |   |    |        |
| <b>MEANS OF EGRESS/EMERGENCY PLANS: (29 CFR 1910.36-38)</b>  |   |   |   |    |        |
| Have exits been designated as "emergency exits"?   | <ul style="list-style-type: none"> <li>Applicable to all facilities</li> </ul>  |   |   |    |        |
| Are all designated emergency exits labeled and accessible?   |   |   |   |    |        |
| Are employee emergency and fire prevention plans in place?   |   |   |   |    |        |
| <b>VEHICLE-MOUNTED WORK PLATFORMS (AERIALS): (29 CFR 1910.67)</b>  |   |   |   |    |        |
| Are vehicle-mounted elevating and rotating work platforms used at the facility? ( <i>i.e. aerial lifts</i> )                                   | <ul style="list-style-type: none"> <li>"Aerial device." Any vehicle-mounted device, telescoping or articulating, or both, which is used to position personnel.</li> </ul>   |   |   |    |        |
| <b>NOISE EXPOSURE: (29 CFR 1910.95)</b>  |   |   |   |    |        |
| Is an occupational noise exposure program in place? <i>A common area that triggers this requirement is a generator and/or compressor room.</i> | <ul style="list-style-type: none"> <li>Whenever employee noise exposures equal or exceed an 8-hour time-weighted average sound level (TWA) of 85 decibels measured.</li> </ul>  |   |   |    |        |
| Has noise monitoring been conducted anywhere in the facility?  |   |   |   |    |        |
| Are there any areas in the facility where personnel need to raise their voices to talk over noise in the area?                                 |   |   |   |    |        |
| Do employees voluntarily wear hearing protection, or is hearing protection required for any areas in the facility?                             |   |   |   |    |        |
| <b>COMPRESSED GAS/FLAMMABLE LIQUIDS/HIGHLY HAZARDOUS CHEMICALS: (29 CFR 1910.101, 106, 107, 119)</b>   |   |   |   |    |        |
| Are compressed gases used/stored at the  |   |   |   |    |        |

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| facility?  |  |   |   |    |        |
| Are flammable/combustible liquids stored/used at the facility?   |  |   |   |    |        |
| Are spray-finishing operations that use flammable/combustible materials conducted at the facility? (i.e. paint booths)                       |  |   |   |    |        |
| Are highly hazardous chemicals used at the facility?   |  |   |   |    |        |
| <b>HAZARDOUS WASTE/EMERGENCY RESPONSE (HAZWOPER): (29 CFR 1910.120)</b>  |  |   |   |    |        |
| Are employees involved in hazardous waste operations?  | <ul style="list-style-type: none"> <li>• Employees who engage in any of the following:</li> <li>• Hazardous waste operations under the Comprehensive Environmental Response Compensation and Liability Act, including any initial investigations of the site prior to identification of exposures.</li> <li>• Corrective actions involving cleanup conducted under Resource Conservation and Recovery Act.</li> <li>• Operations at State or local government designated hazardous waste sites</li> <li>• Operations involving hazardous waste storage, treatment, and disposal facilities regulated by 40 CFR 264 and 265 pursuant to the Resource Conservation and Recovery Act.</li> <li>• Emergency response operations at any workplace when there has been a release or a substantial threat of a release of hazardous substances</li> </ul> |   |   |    |        |
| <b>PERSONAL PROTECTIVE EQUIPMENT (PPE): (29 CFR 1910.132-138)</b>  |  |   |   |    |        |
| Is PPE worn by employees?  | <ul style="list-style-type: none"> <li>• Protective equipment, including personal protective equipment for eyes, face, head, and extremities, protective clothing, respiratory devices, and protective shields and barriers</li> </ul>   |   |   |    |        |
| Is respiratory protection worn by employees, either by policy or voluntarily?  |  |   |   |    |        |
| Is head protection (i.e. hard hats) used by employees?   | <ul style="list-style-type: none"> <li>• Employees that works in areas where there is a potential for injury to the head from falling objects or electrical contact.</li> </ul>  |   |   |    |        |
| Do employees wear protective footwear (i.e. safety shoes/boots)?   |  |   |   |    |        |
| <b>SANITATION: (29 1910.141)</b>   |  |   |   |    |        |
| Are efforts taken to ensure the workplace is well-kept and good housekeeping is maintained (i.e. trash emptied regularly, storage rooms kept | <ul style="list-style-type: none"> <li>• Permanent places of employment</li> <li>• All places of employment shall be kept clean to the extent that the nature of the work allows</li> <li>• To facilitate cleaning, every floor, working place, and passageway shall be kept free from</li> </ul>  |   |   |    |        |

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| orderly, offices and workplaces free of clutter, etc.)?  | protruding nails, splinters, loose boards, and unnecessary holes and openings   |   |   |    |        |
| <b>PHYSICAL HAZARD WARNINGS/SIGNS: (29 CFR 1910.144, 145)</b>  |   |   |   |    |        |
| Are physical hazards color coded?  | <ul style="list-style-type: none"> <li>Physical hazards include flammable storage cans, stop bars, buttons, switches, and tripping, slipping, and falling hazards.</li> </ul>   |   |   |    |        |
| Are accident prevention signs and tags utilized in the facility where there are hazards or potential hazards to employees? |   |   |   |    |        |
| <b>CONFINED SPACES: (29 CFR 1910.146)</b>  |   |   |   |    |        |
| Are there any confined spaces in the facility?   | <ul style="list-style-type: none"> <li>“Confined space” means a space that:</li> <li>Is large enough and so configured that an employee can bodily enter and perform assigned work; and</li> <li>Has limited or restricted means for entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults, and pits are spaces that may have limited means of entry.); and</li> <li>Is not designed for continuous employee occupancy.</li> </ul>   |   |   |    |        |
| Are there any permit-required confined spaces in the facility?   | <ul style="list-style-type: none"> <li>Permit-required confined space (permit space): A confined space that has one or more of the following characteristics</li> <li>Contains or has a potential to contain a hazardous atmosphere</li> <li>Contains a material that has the potential for engulfing an entrant</li> <li>Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross-section; or</li> <li>Contains any other recognized serious safety or health hazard</li> </ul> |   |   |    |        |
| <b>LOCKOUT/TAGOUT: (29 CFR 1910.147)</b>   |   |   |   |    |        |
| Is there a program for the control of hazardous energy?  | <ul style="list-style-type: none"> <li>Servicing and maintenance of machines and equipment in which the unexpected energization or start up of the machines or equipment, or release of stored energy could cause injury to employees</li> <li>(Energy source. Any source of electrical, mechanical, hydraulic, pneumatic, chemical, thermal, or other energy)</li> </ul>   |   |   |    |        |
| <b>FIRST AID/EMERGENCY RESPONSE (includes emergency shower/eyewash requirements): (29 1910.151)</b>                        |   |   |   |    |        |
| Is there first aid available for employees either in-house, or by outside emergency medical responders?                    | <ul style="list-style-type: none"> <li>In the absence of an infirmary, clinic, or hospital in near proximity to the workplace which is used for the treatment of all injured employees, a person or persons shall be adequately trained to render first aid. Adequate</li> </ul>  |   |   |    |        |

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|  | first aid supplies shall be readily available. <ul style="list-style-type: none"> <li>• Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.</li> </ul>   |   |   |    |        |
| <b>FIRE PROTECTION/EMPLOYEE ALARM SYSTEM: (29 CFR 1910.157-159, 164, 165)</b>                                    |   |   |   |    |        |
| Are portable fire extinguishers available in the workplace?  |   |   |   |    |        |
| Are employees trained/designated/expected to use fire extinguishers during a fire?                               | <ul style="list-style-type: none"> <li>• Exemption: Where the employer has established and implemented a written fire safety policy which requires the immediate and total evacuation of employees from the workplace upon the sounding of a fire alarm signal and which includes an emergency action plan and a fire prevention plan which meet the requirements of 29 CFR 1910.38 and 29 CFR 1910.39 respectively, and when extinguishers are not available in the workplace</li> </ul> |   |   |    |        |
| Is the facility equipped with standpipe and hose systems?  | <ul style="list-style-type: none"> <li>• Applies to all small hose, Class II, and Class III standpipe systems installed to meet the requirements of a particular OSHA standard. Exception. This section does not apply to Class I standpipe systems</li> </ul>  |   |   |    |        |
| Is the facility equipped with an automatic sprinkler system?   | <ul style="list-style-type: none"> <li>• All automatic sprinkler systems installed to meet a particular OSHA standard.</li> </ul>   |   |   |    |        |
| Is the facility equipped with a fire detection system?   | <ul style="list-style-type: none"> <li>• All fire detection systems installed to meet a particular OSHA standard</li> </ul>   |   |   |    |        |
| Is the facility equipped with an employee alarm system (if no, review checklist for applicability determination) | <ul style="list-style-type: none"> <li>• Applies to all emergency employee alarms installed to meet a particular OSHA standard. This requirement does not apply to those discharge or supervisory alarms required on various fixed extinguishing systems or to supervisory alarms on fire suppression, alarm or detection systems unless they are intended to be employee alarm systems</li> </ul>  |   |   |    |        |
| <b>COMPRESSED AIR: (29 CFR 1910.169)</b>   |   |   |   |    |        |
| Is compressed air used in the facility?  |   |   |   |    |        |
| <b>MATERIALS HANDLING: (29 CFR 1910.176)</b>   |   |   |   |    |        |
| Materials handling and storage   | <ul style="list-style-type: none"> <li>• Where mechanical handling equipment is used</li> <li>• Material storage and storage areas</li> </ul>   |   |   |    |        |
| <b>FORKTRUCKS/CRANES: (29 CFR 1910.178, 179, 184)</b>  |   |   |   |    |        |
| Are powered industrial trucks (forklifts) used at the facility?  |   |   |   |    |        |
| Are employees trained on fork truck operations?  |   |   |   |    |        |
| Are there any overhead or gantry cranes at the facility?   |   |   |   |    |        |

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| Are slings used at the facility?  | <ul style="list-style-type: none"> <li>Applies to slings used in conjunction with other material handling equipment for the movement of material by hoisting</li> </ul>                                       |   |   |    |        |
| <b>MACHINE GUARDING: (29 CFR 1910.212, 215, 217, 219, 242, 243, 244)</b>  |   |   |   |    |        |
| Are any machines used at the facility that pose hazards to employees such as those created by point of operation, nip points, rotating parts, and flying chips and sparks?  | <ul style="list-style-type: none"> <li>All machinery that poses a hazard to employees.</li> </ul>   |   |   |    |        |
| Is any of the following equipment used at the facility? <ul style="list-style-type: none"> <li>Abrasive wheel machinery</li> <li>Mechanical power presses</li> <li>Mechanical power transmissions</li> <li>Hand or portable powered tools and equipment</li> <li>Abrasive blast cleaning nozzles</li> </ul>   |   |   |   |    |        |
| <b>WELDING: (29 CFR 1910.252, 253)</b>  |   |   |   |    |        |
| Are welding (including oxygen-gas, arc and resistance), cutting, or other hot work operations conducted at the facility?  |   |   |   |    |        |
| <b>ELECTRICAL: (29 CFR 1910.303, 304, 305, 307, 332, 334)</b>   |   |   |   |    |        |
| Is any of the following electrical equipment or locations used or present at the facility? <ul style="list-style-type: none"> <li>spliced wiring</li> <li>electrical equipment that ordinarily produces arcs, sparks, flames, or molten metal</li> <li>Any areas where electrical equipment that operates at 50 volts or greater</li> <li>Over-current devices</li> <li>Circuit breakers</li> <li>Electrical pull boxes and junction boxes</li> <li>Extension/temporary electrical cords or cables</li> </ul> |   |   |   |    |        |
| Do employees conduct electrical work (i.e. repairs, wiring, etc)?   | <ul style="list-style-type: none"> <li>The training requirements apply to employees who face a risk of electric shock that is not reduced to a safe level by electrical installation requirements.</li> </ul> |   |   |    |        |
| <b>AIR CONTAMINANTS/ASBESTOS: (29 CFR 1910.1000, 1001)</b>  |   |   |   |    |        |
| Have hazardous air contaminants been  |   |   |   |    |        |

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| monitored for in the workplace?   |  |   |   |    |        |
| Does the facility contain asbestos-containing materials?  |  |   |   |    |        |
| <b>BLOODBORNE PATHOGENS: (29 CFR 1910.1030)</b>   |  |   |   |    |        |
| Are any employees exposed (occupational exposure) to blood or other potentially infectious materials? | <ul style="list-style-type: none"> <li>Occupational Exposure means reasonably anticipated skin, eye, mucous membrane, or parenteral contact with blood or other potentially infectious materials that may result from the performance of an employee's duties</li> </ul> |   |   |    |        |
| <b>HAZARD COMMUNICATION/RIGHT TO KNOW: (29 CFR 1910.1200)</b>   |  |   |   |    |        |
| Are hazardous chemicals used in the workplace?  | <ul style="list-style-type: none"> <li>Applies to any chemical which is known to be present in the workplace in such a manner that employees may be exposed under normal conditions of use or in a foreseeable emergency</li> </ul>                                      |   |   |    |        |
| Are Material Safety Data Sheets (MSDSs) maintained for all hazardous chemicals?                       |  |   |   |    |        |
| Is there a written Hazard Communication Program (HAZCOM) at the facility?                             |  |   |   |    |        |
| <b>RADIATION: IONIZING (10 CFR 20); NONIONIZING (29 CFR 1910.97)</b>                                  |  |   |   |    |        |
| Are sources of ionizing or non-ionizing radiation located in the facility?                            |  |   |   |    |        |
| <b>ABRASIVE BLAST OPERATIONS AND VENTILATION: (29 CFR 1910.94)</b>                                    |  |   |   |    |        |
| Is abrasive-blast operation conducted at the facility equipped with ventilation systems?              |  |   |   |    |        |
| <b>DIP TANKS: (29 CFR 1910.108)</b>   |  |   |   |    |        |
| Are dip tanks used at the facility?   | <ul style="list-style-type: none"> <li>Examples of covered operations are paint dipping, electroplating, pickling, quenching, tanning, degreasing, stripping, cleaning, roll coating, flow coating, and curtain coating.</li> </ul>                                      |   |   |    |        |
| <b>TOXIC AND HAZARDOUS SUBSTANCES:</b>  |  |   |   |    |        |
| Are there any sources of lead, cadmium, or benzene in the facility?                                   | <ul style="list-style-type: none"> <li>Not applicable to fuels</li> </ul>  |   |   |    |        |
| <b>FALL PROTECTION: (29 CFR 1926.502)</b>   |  |   |   |    |        |
| Do employees work in or required to climb to elevated areas?  |  |   |   |    |        |
| Is there a fall protection program in place?  |  |   |   |    |        |
| <ul style="list-style-type: none"> <li><b>TRAINING:</b></li> </ul>                                    |  |   |   |    |        |
| Is training conducted for employees?  | <ul style="list-style-type: none"> <li>LIST TYPES OF TRAINING:</li> <li>CHP, HAZCOM, SAFETY ORIENTATION, AED, RAD SAFETY, FIRE DRILLS/EMERGENCY EVAC, CRANES, LOTO, ETC.</li> </ul>  |   |   |    |        |