EXHIBIT F
SAFETY AND HEALTH ADMINISTRATIVE INSTRUCTIONS FOR CONTRACTORS (S.H.A.I.C.)

I. GENERAL

1. Introduction
This is a summary of some important accident prevention rules and working procedures that apply to Contractors working in the Infineum Bayway Chemical Plant (BWCP) at Infineum located in Linden, New Jersey. All regulations applying to Contractors cannot be included in this summary; situations will undoubtedly arise where additional precautions and good judgment will be necessary.

The primary purpose of these rules and procedures is to prevent incidents and accidents that may result in injury to Infineum or Contractor employees or damage to property and equipment. Infineum processes large quantities of oil and chemicals on a 24-hour a day basis.

Many of these rules are directly concerned with working safely in the presence of oil, oil-based products and chemicals. All Contractor supervision should review these instructions carefully and apply them where applicable to their work.

All work is to be done in accordance with all municipal, county, state, or federal laws, rules and regulations covering said work. The Contractor shall abide by the requirements of the "Construction Safety Code" issued by the Bureau of Engineering and Safety of the New Jersey Department of Labor, and Occupational Safety and Health Administration, N.J. Department of Environmental Protection and Energy and Federal Department of Environmental Protection. In addition, all work shall be done in accordance with Infineum’s Health, Safety, Security, and Environmental (HSSE) Manual. The HSSE Manual contains procedures and necessary information to plan and perform work safely in the Chemical Plant.

The Contractor is responsible to train and review with their employees, any HSSE procedures provided by your Infineum Designated Representative (IDR) including, but not limited to, Infineum safety rules, safe work procedures, hazardous materials and emergency response plans. For further information or documentation, please consult with your IDR.

The Contractor is responsible for assuring that all field personnel receive Infineum’s Safety and Health Administrative Instructions for Contractors (SHAIC) Training annually and are able to complete the competency test annually. Failure to comply will result in denied access to Infineum until the appropriate training can be completed.

Infineum has contracted with HazTek, Inc. (HazTek) to conduct SHAIC training prior to the start of any field work and annual re-certification. All scheduling and verification(s) are handled through HazTek’s web site www.haztekinc.com or by calling their toll-free
telephone at 888-8HAZTEK. Infineum has designated every Tuesday at 8:00 AM as our training day but in the event of a scheduling conflict contact your IDR.

2. Security
With passage of the Maritime Transportation Security Act (or MARSEC) by the Federal Government and under the authority of the United States Coast Guard additional security requirements have been placed on the petrochemical industry including Infineum located in the Bayway Refinery.

There is an access control requirement under MARSEC known as the Transportation Worker Identification Credential (TWIC). TWIC is a common identification credential for all personnel requiring unescorted access to secure areas of MARSEC-regulated facilities and vessels. Infineum’s operating areas are located within the regulated area which has been designated as Zone 3. Therefore, all Infineum colleagues, contractors, or visitors who require access to Zone 3 will be required to possess a valid TWIC ID card. Anyone requiring access into the Zone 3 area that does not have a TWIC ID card must be escorted 100% of the time while in Zone 3 and have filled out the escort waiver form with Bayway (P66) Main Gate Security.

REFER TO www.tsa.gov/twic FOR FURTHER DETAILS

3. Automobile/Gate Passes/Visitors
In order to reduce congestion within the Bayway site, all Contractor employees must park their private vehicles outside of Bayway Site or in parking lots designated by your IDR. Contractor employees will use the designated entrances and will proceed directly to the Contractor’s job site by way of Bayway roads. They shall not drive through any operating units within Infineum or any neighboring facilities within Bayway. Contractor employees are not to wander from their job site, nor loiter around operating units, control houses, washroom, etc.

Badges
All Contractor employees must wear a Bayway site badge, issued by Bayway Security. The badge shall be worn on the outer garments at all times within the Bayway site. This badge will bear the name and photo of the Contractor and of the Contractor’s company.

Automobile/Gate Passes/Visitors
Automobile passes are limited to the Contractor Supervisor and can be arranged for at the orientation meeting with your IDR. The automobile pass must be returned at the completion of the job. Other members of the Contractor’s main office who may have to make infrequent visits to the job site will have to use our day pass system. Truck passes will be issued for the expected duration of the work and will expire at the end of that time.

Non-product gate passes issued through your IDR must be used whenever a Contractor’s truck leaves the Bayway site with any material or equipment.
Visitors should be discouraged but, in necessary cases, the Contractor will be responsible to pick them up at the main gate and return them there directly at completion of their business.

4. **Infineum Representatives**
Infineum will assign a Contractor Coordinator, Project Coordinator and/or Field Coordinator to your job. Consult with this individual in the event of any question on Infineum Bayway Chemical Plant policies or procedures and they will secure an answer for you.

5. **Contractor Representatives**
Contractor job supervisor shall provide an Emergency Contact number to the IDR so that he may be contacted after hours in case of emergency involving the Contractor’s jobs or equipment.

6. **Safety and Health Administrative Instructions for Contractors (SHAIC) Training**
All contractor employees must pass a written competency test in English. Any questions or concerns on safety will be discussed at this training session.

SHAIC Training consists of, but is not limited to:
- An Overview of the Entire Plant
- Infineum Life Saving Rules (Attachment B)
- Required Personal Protective Equipment (Attachment C)
- Heavy Emphasis on the Work Permit System
  - Confined Space Entry
  - Excavation Procedures
  - Hot Work Procedures
  - Opening Process Equipment
  - Fall Protection
  - Lockout of Hazardous Energy Procedure
  - Pre-Safety Job Analysis
- Emergencies
  - 300# Reporting
  - Reporting of any and all injuries
  - Site wide Alarms and specific unit alarms
  - Emergency response procedures
- Compressed Gas Bottle Handling
- Caution that Chemical Plant Air is backed up by a Nitrogen System
- TCPA (Toxic Catastrophic Prevention Act)
- Rail Road Clearances
- Other Procedures and Systems
- Behavior Based Safety Observation (BBSO or TSC) Surveys are performed on a regular basis to ensure compliance with Infineum’s HSSE Policy and Chemical Plant requirements.
Before starting any work, the contractor supervisor will discuss the location of the designated Safe Areas, where the crew will be directed via a PA announcement to assemble if an emergency condition should occur.

The Infineum Contract Coordinator receives a monthly update from HazTek so that it can be determined which Contractor personnel must re-attend SHAIC training. HazTek will monitor the system to evaluate compliance with Infineum guidelines and will notify the Contractor and the Infineum Contract Coordinator.

The Contractors must be aware of the hazards associated with working in the Chemical Plant Site. Especially when working on systems containing chemicals covered under the State of New Jersey’s Toxic Catastrophe Prevention Act (TCPA). Information on these chemicals will be provided in the SHAIC training. Upon request, Safety Data Sheets (SDS) sheets will be provided for these and other substances you may be working with at the site.

7. Life Saving Rules (LSR), are rules enforced in many petrochemical companies (including both Infineum Shareholders) to prevent serious or fatal accidents. The LSRs target high-risk activities at work where it is proven that failure to comply has the highest potential for serious injury or death. Our version of the LSR is a set of mandatory requirements for colleagues and contractors working for Infineum or inside Infineum premises. Failure to comply with these rules could result in disciplinary actions or other sanctions commensurate with the assessed level of responsibility. Accountability for a LSR violation will normally be attributed to the colleague or contractor involved. It may also be extended to those in leadership positions, where appropriate when a failure in training or supervision may have been a contributing factor. If you have any questions, please consult your IDR.

(Attachment B)
Refer to “LSR” on the Supplier Portal https://www.infineum.com/en/infineum-supplier-portal/

8. Individual H2S monitors within the person’s breathing zone are required when working in Zone 3 (TWIC access) of the plant and provided by the contractor. Examples of H2S monitors used in Bayway are: (1) Tango TX1 Dual Sensor or (2) Gas Alert single sensor (yellow). H2S monitors should be calibrated per the manufacturer’s recommendations, but should not exceed 30 days. Typical alarm settings for monitors used at Bayway are 5 ppm for low level alarm and 10 ppm for high level alarm.

If a monitor alarm initiates, then the individual should leave the area as soon as possible, upwind of the release, and report the event to Infineum Shift Team Leader (STL) or Infineum contact.

Truck drivers are exempt from the individual H2S monitor requirement.

9. BWCP has a clean-shaven policy for any party entering Zone 3. Please see Attachment A for details and pictures of clean shaven policy
Please contact your IDR of Infineum Contract Coordinator for request of a waiver of the clean-shaven policy.

The only exemptions to the clean-shaven policy are for:
1. Truck drivers who deliver materials which do not require respiratory protection for safe handling
2. Contractors only during work in Zone 2 (Chemical Administration Building – CAB)

10. BWCP has a single hearing protection requirement for all areas in Zone 3. Double hearing protection areas will be designated in the field.

II. CONTRACTOR RESPONSIBILITIES

1. Responsibility of the Contractor for their Employees and Others
   The Contractor is responsible for all employees working for them and all other persons calling on them or doing business with them at the Infineum Bayway site. Contractor is responsible for explaining these instructions to their employees and securing compliance with them. A prime Contractor is responsible for explaining and securing compliance with Infineum’s Bayway “SHAIC training” and any of their subcontractors. The Contractor is expected to make their own arrangements for medical, sanitation and drinking water facilities for their employees in accordance with all applicable Safety and Health Regulations issued by the United States Department of Labor, Occupational Safety and Health Administration.

2. Building/Trailers
   Temporary buildings, tool sheds, field offices and similar structures erected or rented by Contractor(s) must not be heated by open electric heaters nor contain any other non-explosion-proof electrical devices without specific written approval by Infineum. The use of salamanders or other fuel-fired heaters requires prior specific approval of the Infineum. Location of these buildings or trailers will be determined with your Infineum Representative. The Contractor will be responsible for obtaining City of Linden building and electrical permits for these structures.

3. Bayway Chemical Plant Master Work Permits
   The responsibility for the safety of the work is shared by all those persons involved with the job covered by the work permit. Mechanical work performed at Bayway involving flammable, toxic or corrosive materials and/or some form of hazardous energy present many risks which are minimized by comprehensive training and understanding between process and mechanical. The instrument used to communicate job information and promote job safety is the “Work Permit.” While this section covers most cases, some cases will arise that require additional consideration, please consult with your IDR.

4. Use of Infineum Employee Facilities
Because of limited facilities, Contractor employees are not permitted to use the Infineum Bayway Chemical Plant locker rooms, or sanitary facilities provided for Infineum employees. The cafeteria will be available for Contractor prior to the start of work, scheduled breaks and lunch.

5. **Smoking**
   Smoking is permitted in designated areas only and is prohibited in any site building or site vehicle.

6. **Cameras/Photographs**
   Cameras, cell phones with cameras or photography of any kind is prohibited. If pictures are desired, arrangements should be made with the IDR.

7. **Cell Phones**
   Only intrinsically safe cell phones are permitted in the plant. All New Jersey motor vehicle laws and Infineum Life Saving Rules pertaining to cell phone use will apply while on site.

8. **Intoxicants, other dangerous materials and gambling**
   The Contractor will adopt a policy to assure a drug and alcohol-free work place. No Contractor employee will be permitted to perform work for Infineum unless such Contractor certifies its employee has passed a pre-employment or pre-access alcohol and 10 panel drug test within the twelve month period immediately prior to commencing such work at the Infineum Bayway Chemical Plant Site. This certification must be a letter on company letterhead paper listing the names and if possible worker identification number and date of test of only those employees who passed a test. **This information must be sent to HazTek, Inc as part of the SHAIC training registration.**

   The use, possession, distribution, sale, or being under the influence of alcohol or controlled substances while performing work within Infineum premises is absolutely prohibited. All Contractors will be required to remove any of their employees performing work for Infineum anytime there is suspicion of alcohol or drug use, possession, or impairment involving such employee, and anytime an unusual or unexplained incident occurs where drug or alcohol use could have been a contributing factor. In such cases, a for-cause test and immediate removal of employee will take place. Only after the employee is re-certified will the employee be allowed to return. Alcohol, controlled substances, drug paraphernalia, firearms, explosives, weapons or hazardous substances are not permitted on Infineum property at any time and are cause for immediate expulsion from Infineum property. Entry onto Infineum property is consent to and recognition of the right of Infineum authorized personnel to search the person, vehicle, and other property of the individuals while entering on or departing the premises. Individuals found to be in possession of any of the above, or under the influence of alcohol or controlled substance will not be permitted to enter or remain on Infineum property. All forms of gambling are prohibited on Infineum property.

   **Refer to Infineum Contract, Exhibit L**
9. **Oil Spills to the Ground/Hazardous Substances**

N.J. State law makes it illegal to discharge oil to the land, to surface water or to ground water. Both civil and criminal penalties can be assessed to Infineum and the Contractor involved in such spills. All precautionary/prevention type measures must be taken before opening any flanges, or oil containing equipment. Each job must be individually evaluated your IDR and Contractor prior to start to avoid spilling oil to the soil. If a spill does occur, the Infineum Permit Issuer, Infineum Designated Representative (IDR), and Infineum West Side Shift Superintendent must be notified immediately.

10. **Hazard Communication and NJ Right-To-Know Labels**

The purpose of the Hazard Communication (HazCom) program is to communicate the hazards associated with the chemicals that are used on site to our colleagues, contractors, visitors and customers so that appropriate action may be taken to reduce the risk of exposure.

The OSHA HazCom Standard requires that manufacturers and importers must evaluate the hazards of the chemicals they produce or import, and prepare labels and safety data sheets (SDS) to convey the hazard information to their downstream customers.

Additionally, all employers with hazardous chemicals in their workplaces must have labels and SDS for their potentially exposed workers, and train them to handle the chemicals appropriately.

Example of labels in the Zone 3 area are given below:

![Image of label example](image-url)
11. **Pre-Employment Background checks**  
Contractor shall obtain background checks on all employees performing services prior to their assignment to perform work or services on site unless agreed in writing that a background check is not required for an individual or category of Contract Worker or Services.

*Refer to Infineum Contract, Exhibit N*

12. **Short Service Worker (SSW) Program**  
The Contractor is responsible for having an auditable written Short Service Worker Program in place that meets the minimum requirements outlined below for properly assimilating, evaluating, identifying, orientating and training SSWs. Workers are considered SSWs if they have less than 6 months of satisfactory experience at Infineum site, have not graduated to SSMP (Site Safety Mature Person), or if the worker has previously worked at an Infineum site as a SSMP, but has been gone for more than 6 months. This requirement pertains to all contract workers, regardless of classification or position including maintenance, turnaround and project contractors. This program does not relieve Contract Companies of their duty and responsibility to manage, assimilate, select and train their workforce in compliance with applicable local, state and federal regulations or industry practice. The intent of the Contractor’s SSW program is to ensure their workers are trained and knowledgeable of the safety hazards, procedures and processes used at Bayway. Contract Companies are obligated to ensure that they implement additional controls and procedures, as they deem necessary, to ensure their workforce is properly trained for the work they will be performing.
Minimum Requirements for a SSW Program:

- Identification of SSW
- Training and Skill Requirement for SSW, SSMP and Mentors
- Weekly Assessment of SSW
- Time Required in SSW Program
- Graduations
- Records Required for Audits
- Quarterly Reports to Infineum Contract Coordinator
- Mitigation Plans for addressing high ratios of SSWs to SSMPs

Further details on the requirements will be provided by your IDR.

III. CONTRACTOR EMPLOYEE RESPONSIBILITIES

1. **Emergencies**
   If you see or are involved in an emergency, regardless of the type or extent; dial 300# on an Infineum phone, push the nearest 10 blast button or fire pull box. Anyone can place a “300#” emergency call and it is the responsibility of everyone to place the call whenever an emergency is realized. The individual should not delay the call to determine the degree of emergency. Even when there is doubt as to the level of seriousness of the situation they should dial “300#.” If an Infineum Bayway phone is unavailable, you may dial 908-523-6000 from a mobile or non-infineum phone to place an emergency call.

2. **Alarms**
   Various types of alarms exist throughout the Bayway Refinery and Chemical Complex. Listed below are several alarms that everyone should be aware of. Every alarm has a specific vital function and should be responded to immediately.

   **General Alarm** - In an extreme emergency, the general alarm will be sounded upon approval of the appropriate authority.

   **Process Unit Alarm (10 Blasts)** - Each process unit is equipped with an audible call system horn. A public-address system is part of the ten-blast alarm and will announce information regarding the emergency. When it becomes necessary to stop work, vacate a structure, or to alert others in adjacent areas of an emergency due to an operational upset or emergency, 10 short blasts on the call system will be sounded. At this time all work must cease and the area vacated until the Process Technicians secure the unit. All maintenance and contractors performing work on the unit should proceed to the proper Safe Area

   **Other Types of Alarms**
   Will be covered as part of S.H.A.I.C.
3. **Safety Data Sheets (SDS)**
   Infineum SDS are available electronically within Infineum’s computerized SDS Viewer (Electronica Database) as well as through the IDR.

   All chemicals and equipment, that may pose a hazard, need to be properly assessed for risk and reviewed through Infineum Management of Change (MOC) program. This program includes a Field Change Authorization (FCA) for review of risks and hazards associated with the new material by Infineum personnel.

4. **Procedures governing work-related items**

   A. The Contractor’s employee will not be permitted to walk under a suspended load. In addition, suitable precautions shall be taken to prevent others from walking or working under suspended loads from cranes.
   B. Contractor’s employee may not ride on blocks, hooks, balls or suspended loads on cranes.
   C. Contractor’s employee shall be equipped with ANSI approved safety glasses with side shields, ANSI approved hard hats in any color except red, blue or white and other personal protective equipment that is required for the specific operation being performed.
   D. Contractor’s employee shall be responsible for the safe condition, use, and/or erection of tools, equipment, ladders, scaffolds, etc.
   E. Contractors are expected to supply sufficient U.L. approved fire extinguishers and fire hose with nozzles to protect their work and equipment.

IV. **CONTRACTOR’S EQUIPMENT**

1. **General Requirements**
   All Contractor vehicles must have the Contractor company name visible on the sides. Magnetic signs with the Contractor companies name are not permitted. Contractor’s mobile equipment such as trucks, cranes, welding machines and the like must be maintained in good condition suitable for passing N.J. State Motor Vehicle Inspection and Construction Safety Code.

   If repairs are required or vehicles become disabled, arrangements must be made to correct the situation. Only licensed or designated qualified people shall operate Contractor’s equipment in the Infineum plant site. An Infineum gate pass signed by your IDR is required to take equipment or material offsite.

2. **Housekeeping**
   Contractors are required to maintain a safe and hazard free work area. Good housekeeping includes maintaining equipment neat and clean, carrying out the job in an orderly manner, storing tools and equipment when not in use, and disposing of waste properly. Contractor is to broom clean daily.

V. **INFINEUM EQUIPMENT**
1. **General**  
   Contractor’s employee shall not operate Infineum equipment unless specifically directed by your IDR.

2. **Computer Usage**  
   Contractors that are provided with a LAN ID are required to comply with all Infineum IT policies and procedures along with completing an initial workstation evaluation. Contact your IDR for more information.

3. **Use of Infineum Process Equipment**  
   Infineum’s process equipment must not be handled or tampered with by Contractor employees. The IDR may grant Contractor employees permission to operate Infineum’s process equipment if emergency conditions require it.

4. **Tie-in to Infineum Equipment**  
   Contractors shall not open or tie-in their work to Infineum’s existing pipelines or equipment, including sewer systems, electrical power circuits, and other process equipment without specific approval by your IDR. After approved tie-ins have been made, the entire system shall be considered Bayway existing equipment and any additional tie-ins will require approval by the Infineum.

5. **Utilities**  
   Connection to any of Infineum’s utilities, compressed air, nitrogen, electrical or sewer require a work permit from the Infineum unit operator.
Contract including Exhibit F is agreed-to with Contractor prior to work

Contractor obtains D&A test, Background Check and reviews Exhibit F with employees

Contractor reports to work with proper paperwork

Contractor is SHAIC trained

Contractor Coordinator and Contractor discuss work to be performed

If appropriate or if requested by Contractor, Contractor Coord. will provide Contractor with a description of work to perform before work begins on-site

Contractor obtains Permits from Unit Operator and performs PJSA of task

Contractor perform task

Contractor returns Permits to Unit Operator and notifies of job status
Please see pictures below for guidance on the clean-shaven policy

- Mustaches cannot extend beyond the corners of the mouth.
- Hair beneath the lower lip is not allowed (can affect exhalation valves).
- Sideburns must not extend beneath the ear lobe.
- Facial hair stubble length must be less than 24 hours growth.
# LIFE SAVING RULES

## Work Safely
- Work with a valid **Work Permit** when required
- Obtain authorization before entering a **Confined Space**
- Do not sign, issue or accept a work permit without **Energy Isolation, Gas Test or Field Verification** when required
- Obtain authorization before over-riding or disabling **Safety Critical Equipment**
- Do not **Open Process Equipment** without proper PPE and/or verifying it is properly cleared, isolated and de-energized
- Remove **Lockout/Tag-out Devices** only if authorized

## Behave Safely
- **No Smoking** except in permitted areas
- Comply with safety rules when **Working at Height**
- Do not walk under a **Suspended Load**
- Do not consume or be under the influence of **Alcohol or Drugs** while working or driving

## Drive Safely
- Do not exceed the **Speed Limit**
- **Engine on** – No talking, no texting, no exceptions!
- **Wear Your Seat Belt** on the road and within Infinium sites
## Attachment C

### Bayway PPE Requirements - Face and Eye Protection

<table>
<thead>
<tr>
<th>Task</th>
<th>Minimum Eye / Face PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Inside of any Operating Area and no other increased hazards are present</td>
<td>- Safety Glasses with side shields (ANSI Z 87.1)</td>
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<tr>
<td>- Collecting closed system, non-corrosive samples</td>
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<tr>
<td>- Handling non-corrosive materials at temperature less than or equal to 130°F (54°C)</td>
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<tr>
<td>- Opening equipment that has zero energy verified</td>
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<tr>
<td>- Entry into corrosive area</td>
<td>- Goggles</td>
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<tr>
<td>- Mixing and applying epoxy chemicals</td>
<td>- (Radnor® Indirect Vent Splash Goggles – Part #60000681 or UVEX Strategy® Goggles – S3815 or UVEX Classic Safety Goggles – S350)</td>
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<tr>
<td>- Mixing and spray application of paints</td>
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<tr>
<td>- Performing work that can generate windblown particles / debris, e.g. insulation installation and removal, work which may release rust or dust particles, catalyst dumping, baghouse socks changeout, handling of contaminated surfaces like dirty fire blankets and scaffolds, housekeeping and clean-up that generate airborne dust, work in confined spaces with a potential for airborne dust / debris</td>
<td>- Goggles</td>
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<tr>
<td>- Grinders, buffers, wire brushing</td>
<td>- 2. Welders can wear their welding helmet (must be ANSI Z 87+) plus properly fitted clear Safety Glasses</td>
</tr>
<tr>
<td>- Chipping guns, jackhammers, powered saws, impact and/or nail guns</td>
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<tr>
<td>- Water jetting</td>
<td>Earlier</td>
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</tbody>
</table>

**Notes**

1. It is recognized that PPE technology may advance over time. The minimum eye / face PPE is intended to establish a baseline level of protection. Eye / Face PPE that is materially equivalent or provides a higher level of protection is acceptable.

2. Workers within the proximity of the above activities (e.g. within 10 ft / 3m) with similar exposure risk must use the same eye / face protection. The 10 ft (3m) rule does not apply for following situations:
   a. workers outside a welding booth where the welding operation is fully enclosed (no breaks) on all sides by welding curtains.
   b. Outside chemical areas with additional PPE requirements, which are clearly demarcated with paint and / or chain linked fence. For example, caustic areas.

3. In situations which require both respirator and eye / face protection, it may be preferable to use a full-face respirator in lieu of the requirements included in the table.
## Attachment C
### Bayway PPE Requirements – Face and Eye Protection

<table>
<thead>
<tr>
<th>Task</th>
<th>Minimum Eye / Face PPE</th>
<th>Illustrative Examples</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handling corrosives (sampling of corrosive material, opening of bleeders on corrosive lines, etc.)</td>
<td>1. Clear Face Shield ANSI Z-87 or ANSI Z-87 <em>plus</em> (Radnor® Indirect Vent Splash Goggles - Part #40000801 or UVEK Strategy® Goggles – S315 or UVEK Classic Safety Goggles – S350) or 2. Splash guard <em>plus</em> (Radnor® Indirect Vent Splash Goggles - Part #40000801 or UVEK Strategy® Goggles – S315 or UVEK Classic Safety Goggles – S350) or 3. First Break Hood <em>plus</em> (Radnor® Indirect Vent Splash Goggles - Part #40000801 or UVEK Strategy® Goggles – S315 or UVEK Classic Safety Goggles – S350)</td>
<td><img src="image1" alt="Illustrative Example" /> <img src="image2" alt="Illustrative Example" /> <img src="image3" alt="Illustrative Example" /></td>
<td>1. It is recognized that PPE technology may advance over time. The minimum eye / face PPE is intended to establish a baseline level of protection. Eye / face PPE that is materially equivalent or provides a higher level of protection is acceptable. 2. Workers within the proximity of the above activities (e.g. within 10ft / 3m) with similar exposure risk must use the same eye / face protection. The 10 ft (3m) rule does not apply for following situations: a. workers outside a welding booth where the welding operation is fully enclosed (no breaks) or all sides by welding curtains. b. Outside chemical areas with additional PPE requirements, which are clearly demarcated with paint and / or chain linked fence. For example, caustic areas. 3. In situations which require respirator and eye / face protection, it may be preferable to use a full-face respirator in lieu of the requirements included in the table.</td>
</tr>
<tr>
<td>Working with high pressure fluids (gas or liquids) (Pressure ≥ 100 psig)</td>
<td>Clear Face Shield ANSI Z-87 <em>plus</em> (Radnor® Indirect Vent Splash Goggles - Part #40000801 or UVEK Strategy® Goggles – S315 or UVEK Classic Safety Goggles – S350)</td>
<td><img src="image4" alt="Illustrative Example" /></td>
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<tr>
<td>Welding Tasks (use Shade 10 or 11 lens with helmet)</td>
<td>Welding Helmet (Shade 10 – 11) <em>plus</em> properly fitted clear Safety Glasses</td>
<td><img src="image5" alt="Illustrative Example" /></td>
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</tr>
</tbody>
</table>
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<tr>
<td>Welder’s Helper / Fire Watch</td>
<td>1. Personnel in close proximity that may have a brief, inadvertent exposure to the arc while assisting the welder</td>
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<td></td>
<td>Shaded* Cutting Goggles or Shaded* Cutting Spectacles</td>
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<td></td>
<td>* Shade Number is ≥ 5</td>
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<td></td>
<td>2. If worker is exposed to arc and metal splatter, then a face shield should be worn in addition to safety glasses</td>
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<tr>
<td></td>
<td>1. Clear Face Shield Z-87+ plus Shaded* Cutting Goggles or Shaded* Cutting Spectacles</td>
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<tr>
<td></td>
<td>* Shade Number is ≥ 5</td>
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<td></td>
<td>2. Shaded* Face Shield (full-face and Z87+ rated) plus properly fitted clear Safety Glasses</td>
<td></td>
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<td></td>
<td>* Shade Number is ≥ 5</td>
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<tr>
<td>Oxy-fuelwelding (brazing) and burning</td>
<td>1. Clear Face Shield Z-87+ plus Shaded* Cutting Goggles or Shaded* Cutting Spectacles</td>
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<td></td>
<td>* Shade Number is ≥ 5</td>
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</tr>
<tr>
<td>Furnace operations including lighting of fire boxes manually, furnace firebox inspectors</td>
<td>Goggles (UVEX Strategy® Goggles – S3815 or UVEX Classic Safety Goggles – S350) plus Face Shield ANSI Z-87+ with shaded lens designed for the task</td>
<td></td>
</tr>
<tr>
<td>Inspecting equipment which is being hydrostatically or pneumatically tested</td>
<td>Goggles (UVEX Strategy® Goggles – S3815 or UVEX Classic Safety Goggles – S350) plus Face Shield ANSI Z-87+</td>
<td></td>
</tr>
</tbody>
</table>

**Notes**

1. It is recognized that PPE technology may advance over time. The minimum eye / face PPE is intended to establish a baseline level of protection. Eye / face PPE that is materially equivalent or provides a higher level of protection is acceptable.

2. Workers within the proximity of the above activities (e.g. within 10ft/3m) with similar exposure risk must use the same eye / face protection. The 10 ft (3m) rule does not apply for following situations:
   a. workers outside a welding booth where the welding operation is fully enclosed (no breaks) on all sides by welding curtains.
   b. Outside chemical areas with additional PPE requirements, which are clearly demarcated with paint and / or chain linked fence. For example, caustic areas.

3. In situations which require both respirator and eye / face protection, it may be preferable to use a full-face respirator in lieu of the requirements included in the table.
### Attachment C
Bayway PPE Requirements – Hand Protection

<table>
<thead>
<tr>
<th>Task</th>
<th>Minimum Hand PPE*</th>
<th>Illustrative Examples (Pictures are illustrative examples only)</th>
</tr>
</thead>
</table>
| General work activities when no other increased hazards are present, for example:  
  • Turning valves  
  • Climbing ladders  
  • Using hand tools | 100% Leather or leather reinforced gloves for Bayway Plant  
  • Gloves should be 100% leather with no other type of material on the back of the hand  
  • Gloves with cuffs are encouraged to protect wrists | Bayway Plant Gloves – Big Jake Work Gloves or Side Kick Industrial Gloves or Memphis Insulated Work Gloves |
| Working with sharp objects / materials, for example:  
  • Blades / cutters  
  • Sheet metal  
  • Insulation cladding | Cut-resistant gloves  
  Bayway Gloves – Ansell Hyflex® Gloves  
  or Kevlar® Cut Resistant Gloves  
  or PosiGrip Cut Resistant Gloves (LAB) | Nitrile: Cut-resistant gloves are not necessarily puncture resistant. |
| Working with chemicals and / or hydrocarbons, for example:  
  • Contact with chemicals or hydrocarbons  
  • Hydro-blasting  
  • Sampling  
  • Draining  
  • Vessel cleaning | Product specific chemical-resistant gloves (Refer to SDS)  
  Examples of Bayway Gloves: Memphis Acid Gloves, Memphis Nitrile Gloves, Predator Nitrile Gloves  
  Nitrile Gloves are minimum standard for general chemical work in the lab  
  Note: Some chemical-resistant gloves are only good for hydrocarbon and not corrosives. | |

* - It is recognized that PPE technology may advance over time. The minimum hand PPE is intended to establish a baseline level of protection. Hand PPE that is materially equivalent or provides a higher level of protection is acceptable.
## Attachment C

### Bayway PPE Requirements – Hand Protection

<table>
<thead>
<tr>
<th>Task</th>
<th>Minimum Hand PPE*</th>
<th>Illustrative Examples</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working with cold materials (e.g: handling dry ice, liquid nitrogen or LNG)</td>
<td>Product specific cold-resistant gloves (Refer to MSDS) (e.g: Cryo cold-resistant gloves, etc.)</td>
<td><img src="image1.jpg" alt="Illustrative Example" /></td>
</tr>
<tr>
<td>Working with hot materials (Temperature &gt; 120°F)</td>
<td>Task specific heat insulated gloves (Select gloves based on potential temperature exposed to.)</td>
<td><img src="image2.jpg" alt="Illustrative Example" /></td>
</tr>
<tr>
<td></td>
<td>Bayway Gloves: Blue Beast Gloves or Insulated Heat-Resistant Gloves</td>
<td><img src="image3.jpg" alt="Illustrative Example" /></td>
</tr>
<tr>
<td>Working with electricity</td>
<td>Electrically-insulated gloves appropriate for the voltage</td>
<td><img src="image4.jpg" alt="Illustrative Example" /></td>
</tr>
</tbody>
</table>
| Work activities requiring high-level of manual dexterity (When no other increased hazards are present), for example:  
  • Precision instrumentation work  
  • Precision electrical work                                            | Manual dexterity gloves                                                          | ![Illustrative Example](image5.jpg)                                                  |
|                                                                      | Bayway Gloves: Ansell Edmonton STD®                                               | ![Illustrative Example](image6.jpg)                                                  |
| Welding                                                              | Welding Gloves  
Bayway Gloves: Blue Beast Gloves or Insulated Heat-Resistant Gloves | ![Illustrative Example](image7.jpg)                                                  |
| Operating lathes, mills or other high speed rotating equipment in the machine shop | No gloves shall be worn                                                          | ![Illustrative Example](image8.jpg)                                                  |

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