



**Standard for Contractor and/or Service Provider**  
**General HES Requirements**  
**NA-SAF-STD-006**

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<b>Application</b>	<b>Scope: Contractor HES Requirements</b>	
<b>Revision Summary</b>	<b>Number: 16</b>	<b>Date: 5-6-2021</b>
	<b>Change Summary:</b> Clarified section 4.1 includes PSM requirements.	

**1 PURPOSE:**

**1.1** The purpose of this standard is to provide a general overview of “key” Braskem America HES requirements for contractors and/or any service providers hereinafter referred to in this standard as “Contractor” entering or who wish to enter Braskem America facilities to perform work. This standard applies to all Contractor companies and their employees and subcontractors.

This standard is provided by Braskem to Contractor during the pre-qualification process and is intended to be used by Contractor as a training tool for their employees and subcontractors prior to entry into a Braskem facility.

This standard does not, nor is intended to cover all applicable site specific HES requirements that will pertain to all Contractors providing services. Site Specific HES requirements must be obtained and reviewed with the assistance of a Braskem facility Contract Administrator specific to the work to be performed at the facility.

**2 SCOPE & LIMITATIONS:**

**2.1** This standard applies to Braskem America sites.

**2.2** This standard implements applicable legal and other requirements and Braskem SEMPRE Directive requirements.

**2.3** For Braskem America sites which are tenants inside a host facility covered by a Site Service Agreement or Grounds Lease Agreement, the host facility requirements will be followed where defined by the contract, provided facility requirements meet minimum legal standards and are commensurate with this standard.

**3 DEFINITIONS AND ACRONYMS (unique to the standard):**

Short Service Contractor: Any individual contractor that has less than six months of prior experience in the field that are performing work

ISNetworld (ISN) - Internet-based evaluation program which maintains each individual subscriber’s Health, Environmental and Safety (HES) specific company information. This tool is utilized at all Braskem America facilities.

**4 GENERAL REQUIREMENTS:**

**4.1** Contractors must abide by all OSHA (including Process Safety Management), EPA, DOT, and internal Braskem HES requirements in the construction, repair and other activities performed at Braskem facilities. Failure or refusal to comply with or enforce these requirements could result in:

- The removal of all contract personnel from the facility.
- Removal of Contractor’s name from the approved/qualified Braskem contractor’s listing, and denial of future opportunities for Contractor to work for Braskem.

- 4.2** Contractors must pre-qualify to perform work in Braskem facilities through ISNetwork in accordance with NA-SAF-STD-022, Contract Service Provider HES Pre-Qualification Standard.
- 4.2.1 General Contractors are responsible for providing effective HES oversight of their subcontractors brought in under contract through an oversight program or process.
- 4.2.2 Performance issues with subcontractors will be directed to the General Contractor for the development of appropriate action plans for improvement
- 4.3** Contractors shall participate in Braskem contractor oversight and facility injury prevention activities (i.e., SEMPRE HES) as defined by Braskem Contract Administrator.
- 4.3.1 Tier 1 contractors (those working in the process areas) are required to perform a Pre-Task Analysis prior to performing work. Contractors may use their own Pre-Task Analysis forms or request one from your Braskem contact.
- 4.3.2 Contractors shall participate in Pre-Job meetings with their Contract Administrators prior to starting work.
- 4.4** Contractors shall adhere to the Braskem HESQP Policy and Principles as applicable and Act Preventively:
- In the quality of life and health of people
  - In the safety of people, processes, information
  - In environmental aspects and the rational use of natural resources
  - In the quality of products and services
- 4.5 BACKGROUND CHECKS**
- 4.5.1 Contractors must conduct background checks of their employees.
- 4.5.2 Any costs associated with background checks are the cost of doing business for Contractor and their subcontractors and will not be passed on to Braskem.
- 4.6 MEDICAL SURVEILLANCE AND DRUG SCREENING**
- 4.6.1 Contractors must have an initial hire and random drug screening program in place for their employees. Exceptions may be directed to Braskem through the ISN pre-qualification process.
- 4.6.2 The use of, or possession of, alcohol, illegal drugs, or the improper use of legal drugs is prohibited. Contractor's employees, agents, or suppliers shall not enter Braskem facilities or property while under the influence of illegal drugs or alcohol.
- 4.6.3 Substance testing for "reasonable cause" will be conducted.
- 4.6.4 Any Contractor employee or subcontractor's employees using prescription medicine shall notify their supervisor and where the medication could affect the safe performance of the work, job reassignment will be made.
- 4.6.5 Contractor shall provide for the medical surveillance and occupational health (i.e., Industrial Hygiene monitoring, respiratory protection qualification including fit test, etc.) of their employees as required by regulatory agencies.
- 4.7 BASIC FACILITY ENTRY REQUIREMENTS**
- Each Braskem America facility has defined facility and unit entry procedures that Contractor will adhere to. The following is a list of the basic minimum requirements for Braskem America facilities:
- 4.7.1 Weapons and firearms are prohibited on Braskem property,
- 4.7.2 Alcohol and illegal drugs and are prohibited on Braskem property.
- 4.7.3 Working under the influence of alcohol or illegal drugs is prohibited on Braskem property.
- 4.7.4 Smoking is permitted only in designated areas.
- 4.7.5 Matches and lighters are prohibited in Braskem facilities.
- 4.7.6 Unauthorized photography is strictly prohibited in the facility.
- 4.7.7 Disorderly conduct and horseplay are prohibited in the facility.
- 4.7.8 Cell phones, PDAs and smart watches are prohibited in facility process areas.
- 4.7.9 Visitors and contractors must sign an entry log to enter the facility.
- 4.7.10 Unauthorized ID badges are prohibited from use.
- 4.7.11 Braskem Contractor or Visitor Badges must be worn visibly at all times while in the

facility. Contractors must present valid photo identification and sign a log to receive an ID badge.

- 4.7.12 Contractor vehicles are subject to random security inspection and inspection for cause.
- 4.7.13 Contractor employee articles (e.g., lunch boxes, bags, boxes, cases, etc.) are subject to random inspection and inspection for cause.
- 4.7.14 Contractors vehicles will park in designated parking areas. Drivers must present a valid state driver's license.
- 4.7.15 Contractor vehicles are subject to entry restrictions. Vehicles authorized to enter the facility will be registered with Security and carry a designated permit tag.
- 4.7.16 Keys must be left in the ignition of Contractor vehicles in the facility at all times.
- 4.7.17 Radios inside Contractor vehicles will be turned off while in the facility.
- 4.7.18 The following clothing is prohibited in Braskem facilities: flip flops, high heels, tank tops, shorts, mesh and any other clothing item deemed inappropriate by Braskem.
- 4.7.19 Jewelry restrictions (e.g. rings, necklaces) will be enforced at Braskem facilities.

#### **4.8 TRAINING**

- 4.8.1 Contractors entering Braskem facilities to perform work must be qualified to perform the work to include current and successful completion of applicable regulatory required training (e.g., OSHA, EPA, DOT, etc.) Proof of training must be provided at the request of Braskem.
- 4.8.2 Contractors entering the facility must successfully complete a site specific orientation covering the site hazards and HES requirements for the facility. Site specific training orientation is valid for 1 year.
- 4.8.3 Contractors and the Braskem Contract Administrators shall reach a mutual understanding of the HES requirements applicable to the contractor for the work to be performed in a Pre-Job Meeting.

#### **4.9 SECURITY**

- 4.9.1 Contractor employees will be issued a Braskem Contractor identification (ID) badge if they have successfully met site training requirements. Valid Braskem Contractor ID badges are required for entry and exit of the facility. In some facilities, the ID badge also serves as an emergency "muster" card to be used in the event of a site alarm at a designated "muster reader" location.
- 4.9.2 Each facility has a procedure to remove materials from their facility, sometimes referred to as a "gate pass" procedure, to ensure that unauthorized Braskem property is not removed from the facility. Contractors will adhere to facility procedures when removing materials and equipment from the facility.
- 4.9.3 Braskem is not responsible for any thefts or loss of contractor tools or equipment. Contractor shall secure their tools and equipment during non-working periods.

#### **4.10 FIRE PROTECTION AND EMERGENCY ACTION**

- 4.10.1 Matches and lighters are prohibited in Braskem facilities.
- 4.10.2 Each facility has an emergency action plan. The emergency action plan defines the emergency reporting and required actions for contractor and service provider employees to take in the event of a site emergency. The emergency expectations for contractor and service providers are included in the site specific orientation training.
- 4.10.3 If the plant Emergency Alarm sounds, turn off all ignition sources including vehicles and report to the nearest designated muster location. Keys must be left in the ignition of Contractor and service provider vehicles in the facility at all times.
- 4.10.4 Contractors shall stay in the nearest muster or shelter location and await instructions until the ALL Clear is provided and authorization from the Braskem Contract Administrator is provided to return to your work area. Any work permits will be reevaluated and approved by Braskem prior to resuming work activities.
- 4.10.5 Only NFPA approved safety cans, properly labeled, shall be used for dispensing flammable liquids.
- 4.10.6 Cans and containers containing flammable materials should be stored in flammable storage cabinets.
- 4.10.7 Storage of gasoline, oil, kerosene, etc. must be isolated from the general construction

area in a location approved by the Contract Administrator. Only approved cleaners and solvents shall be used.

#### **4.11 MEDICAL SERVICES & INJURY REPORTING**

- 4.11.1 All accidents or injuries must be immediately reported to the Braskem Contract Administrator or in the case of an emergency the nearest Braskem employee. Contractors shall initiate incident investigations immediately for all incidents involving their employees. A copy of all investigation reports shall be forwarded to Braskem.
- 4.11.2 First aid supplies are located in each facility. Braskem Contract Administrator shall be contacted in the event first aid supplies are needed.
- 4.11.3 Braskem will summon off-site emergency care for injured contractor employees while on Braskem property at the discretion of Braskem first responders. Transportation (non-emergency) for injured employees working for the contractor is the responsibility of Contractor.
- 4.11.4 Contractor shall ensure that all personnel are physically and psychologically capable of performing the job tasks assigned.

#### **4.12 SUPERVISION**

- 4.12.1 Contractors must have a designated supervisor or lead person on the plant site at all times while work is being performed.
- 4.12.2 Additional HES supervision is required for large jobs (>30 contractors). The contractor will designate an employee to oversee the safety and health aspects of the job being performed. The person must be knowledgeable of the work being done and the hazards involved or expected to be encountered. This employee must not perform any non HES tasks.
- 4.12.3 For the duration of activities, Braskem Contract Administrator will be assigned to Contractor to oversee their work and perform required inspections.

#### **4.13 "SHORT SERVICE" CONTRACTOR EMPLOYEES**

- 4.13.1 Contractor employees with less than six month experience will be acknowledged during the Pre-Job safety meeting.
- 4.13.2 Short Service Contractor employees are limited to 25% of Contractor team. Exceptions may be approved by Braskem Contract Administrator.
- 4.13.3 Short Service Contractor employees must be under the direct supervision of an experienced member of Contractor team at all times.

#### **4.14 WORK PERMITS (Safe Work, Hot Work, Confined Space Entry, Excavation, Live Electrical, Energy Isolation)**

- 4.14.1 Contractor must obtain necessary work permits and follow unit check-in procedures prior to start of any work. Work permits for operating units will be initiated in the Control Room and the permit process will involve a review of the job and hazards at the job location (Shown-by, Seen-By Permitting). At no time will Contractor start work or enter any part of an operating unit without first checking with Braskem Contract Administrator and/or a member of plant operations.
- 4.14.2 For a job scope or work schedule changes, Contractor must notify the Braskem Contract Administrator and area Shift Leader for any possible Work Permit changes and/or additional instruction. Failure to not report changes will result in possible removal from the facility.

#### **4.15 PERSONAL PROTECTIVE EQUIPMENT & CLOTHING**

- 4.15.1 Contractor is responsible for providing all safety equipment and PPE to their employees such as hard hats, safety glasses with side shields, safety harnesses, safety goggles, face shields, work gloves, and special clothing. (exceptions: resident contractors where the contract/service agreement permits the use of Braskem owned equipment and special situations where consultants/technical representatives need to use PPE where they are not typically equipped, special permission may be granted).
- 4.15.2 PPE requirements for the facility are specified in site HES procedures and the site orientation training and should be reviewed with the Braskem Contract Administrator

specific to the area of the facility and the work to be performed.

- 4.15.3 HARD HATS (Non-metallic) AND SAFETY GLASSES w/SIDE SHIELDS are required to be worn in designated hazardous areas of the facility to provide head and eye protection.
- 4.15.4 SAFETY-TOED SHOES are required to be worn in designated areas of the facility to provide foot protection.
- 4.15.5 FLAME RETARDENT CLOTHING is required for Contractors who must enter designated hazardous areas of the facility to protect from flash fire hazards. Sleeves may not be rolled up and the front must be zipped to the neck. Cotton undergarments are recommended.
- 4.15.6 SPECIALTY CLOTHING is required when working in or around certain hazardous materials. For example: metal alkyls (aluminized suit and shroud, face shield and PVC gloves) or acids (acid suit).
- 4.15.7 HEARING PROTECTION is required in the operating areas of the plants and in areas designated by hearing protection signs.
- 4.15.8 RESPIRATORY PROTECTION may be required for work in special hazard situations. This PPE is required to be available.
- 4.15.9 WORK GLOVES specific for the potential hazard shall be worn in designated areas of the facility to protect the hands and fingers. For general exposure to physical hazards work gloves must meet the following minimum requirements:
  - ISO133997 cut level D, EN388 L4, or ANSI cut level 4 (A4)
  - Entire glove shell must meet minimum cut resistance level
  - Impact protection must be integral to the fingers and back of glove**NOTE: Refer to site PPE matrix for specific glove requirements.**

#### **4.16 HAZARDOUS ENERGY ISOLATION**

- 4.16.1 Hazardous energy shall be effectively prepared and isolated prior to equipment opening, line breaking activities or maintenance activities.
- 4.16.2 A “zero energy test” is required prior to Contractor conducting work on a system that contained hazardous energy as a means to verify that is safe to perform the work.
- 4.16.3 Locks and tags shall be used on isolation devices used for hazardous energy control, unless otherwise specified by site policy.
- 4.16.4** Each energy isolation points will be identified and managed as a part of energy isolation plans that are incorporated into the work permitting process.

#### **4.17 HOUSEKEEPING**

- 4.17.1 Contractors must keep their work areas in a clean and organized condition. Braskem places a high importance on maintaining a clean and organized work environment.
- 4.17.2 Contractors will implement an inspection program to identify and eliminate hazards from the areas that they are working and to ensure that housekeeping standards are maintained.

#### **4.18 EQUIPMENT OR PROPERTY DAMAGE**

In case of damage to Braskem equipment or property, Braskem Contractor Administrator will be immediately notified.

#### **4.19 TRAFFIC**

Contractors' personnel will observe plant speed limits and other vehicle safety requirements specific to the facility. Contractor's vehicles are expected to stop at all stop signs and obey normal traffic rules.

#### **4.20 WASTE DISPOSAL**

Contractors will not be permitted to discharge any materials into the facility sewer systems without prior approval from Braskem Contract Administrator. The nature of the material may require off site or specialized disposal.

#### **4.21 UTILITY AND PROCESS CONNECTIONS**

- 4.21.1 Contractors shall not make connections or tie into in new lines, operating electrical,

gas, steam, air, nitrogen, hydrogen, water or process systems unless authorized by Braskem Contract Administrator.

4.21.2 Braskem requires explosion-proof plugs on all electrical equipment and/or tools inside process areas.

4.21.3 Contractors are expected to use utility hoses and connection fittings consistent with those used at the site for which they are performing work.

#### **4.22 EXCAVATIONS**

4.22.1 Contractors shall get approval from Braskem Contract Administrator before any excavation work is started. All excavations and shall be authorized and permitted on a daily basis.

4.22.2 Open excavations shall be barricaded at all times.

4.22.3 Excavations shall be shored per applicable OSHA standards.

4.22.4 Hole watch personnel must be present and trained.

#### **4.23 OVERHEAD WORK (including Cranes)**

4.23.1 Overhead lifting work will be permitted. Certain lifts defined as "Critical Lifts" require specialized planning and authorization from Braskem.

4.23.2 Contractor shall be responsible for barricading off areas when they are performing overhead work, and posting of notices that overhead work is in progress.

4.23.3 Lifting equipment must be used and inspected in accordance with OSHA standards.

4.23.4 Cranes contractors and operators must be qualified and meet the requirements of NIOSH Alert Pub 2006-142.

#### **4.24 RAILROAD TRACKS**

Prior to any work being performed on railroad tracks, Contractor shall get approval from Braskem Contract Administrator. After approval has been granted, Contractor shall be responsible for placing "Men Working" signs on both ends of the area they are working on.

#### **4.25 ELECTRICAL**

4.25.1 Work on or around energized electrical lines or equipment must be in accordance with OSHA required electrical safety related work practices.

4.25.2 An electrical work permit is required for electrical systems work. Work on live electrical systems is prohibited unless authorization is provided by qualified Braskem electrical representatives per established electrical safety procedures.

4.25.3 Only qualified persons shall work on electrical equipment.

4.25.4 Contractors performing electrical work shall meet the requirements of NFPA 70E.

#### **4.26 FLAMMABLE STORAGE**

4.26.1 Only NFPA approved safety cans, properly labeled, shall be used for dispensing flammable liquids.

4.26.2 Storage of gasoline, oil, kerosene, etc. must be isolated from the general construction area in a location approved by Braskem Contract Administrator. Only approved cleaners and solvents shall be used.

#### **4.27 BURNING AND WELDING (Hot Work)**

4.27.1 Welding equipment shall be maintained in a safe condition. Backflow eliminators must be properly installed on oxygen acetylene equipment, electrode and grounding cables shall not be frayed, and oxygen acetylene hoses shall not be damaged. Protective shields are required as necessary to protect exposed personnel from arc flashes.

4.27.2 Gas cylinders must be transported, stored and used in the upright position. Protective caps must be in place at all times when not connected for use. Cylinders must be secured from danger of tipping at all times.

4.27.3 Hot work requires a hot work permit. Indiscriminate burning or welding is prohibited. Any hot work which can be removed from classified hazardous areas should be done elsewhere.

4.27.4 Burning and welding work requires a fire watch trained in the duties of a fire watch. Areas underneath hot work must be free of combustibles and must be water flooded to



kill sparks. Measures must be taken to protect personnel, lines, and equipment from hot, falling sparks.

- 4.27.5 Hot Taps require a Braskem authorization, permitting, and supporting data to ensure that the hazards associated with performing a hot tap are effectively managed.

#### **4.28 MOBILE CONSTRUCTION EQUIPMENT**

- 4.28.1 Mobile construction equipment shall be equipped with backup alarms, lights (where applicable) and horns. These devices along with brakes, steering, etc. must be maintained in serviceable condition. Equipment must be inspected daily.
- 4.28.2 Personnel will ride in a seat. No riding on fenders, sides, running boards, etc. Passengers in the back of trucks must be seated flat on the bed without arms or legs extended over the sides or back.
- 4.28.3 As a general rule, lifting of personnel in suspended platforms or by any other means whereby the personnel are suspended from a cable is prohibited. Personnel lifts must be permitted and comply with applicable OSHA standards.
- 4.28.4 Lifting of equipment and materials requires the use of appropriate matting under outriggers to prevent sinking into the soil or breaking or damaging concrete. All crane operations and rigging operations must comply with applicable OSHA standards.
- 4.28.5 In areas affecting Braskem property or personnel, rigging, ropes, cables, hoisting equipment, etc. must be used with the appropriate load safety factors and be inspected regularly by the contractor. Hooks, blocks, etc. shall have safety latch affixed or be used when it is possible for them to lift off.
- 4.28.6 Tag lines must be used in congested areas or where deemed appropriate.

#### **4.29 HAZARDS COMMUNICATION**

- 4.29.1 Braskem facilities have a written Hazards Communication Program, a copy of which is available for review. In accordance with the program, all containers must be properly labeled. Any containers that Contractors bring onto the plant site must be appropriately labeled.
- 4.29.2 Braskem Contract Administrator will obtain any Safety Data Sheets (SDS) requested by Contractor or his personnel or will direct Contractor to one of several locations in the plant where SDS's can be reviewed.
- 4.29.3 Contractors must supply Braskem with an SDS of any hazardous material which Contractor intends to bring onto the plant site prior to the material entering the plant.

#### **4.30 PORTABLE POWER SUPPLY**

If portable power supplies are used they must be located outside of classified areas.

#### **4.31 LADDERS**

- 4.31.1 Contractors are to furnish their own ladders (exceptions: resident contractors where the contract/service agreement permits the use of Braskem owned equipment and special situations where consultants/technical representatives need to use ladders where they are not typically equipped, special permission may be granted allowing use provided that a pre-use inspection is conducted with the ladder user).
- 4.31.2 Ladders are to be in good repair with safety feet in place. No metal ladders can be used around energized electrical circuits.
- 4.31.3 The application of ladders must be evaluated to determine that they are the best tool for the job. Working from a ladder has inherent risks. Ladders must always be secured on sound footing and tied off. Additionally, two persons (spotter) are required for the use of an extension ladder when in an extended position.
- 4.31.4 Mechanical lifting devices such as scissor lifts and bucket lifts or the use of scaffolds are the preferred means for performing work at heights.
- 4.31.5 Portable ladders must be included in a preventive maintenance inspection program and be inspected by the user prior to use.

#### **4.32 FALL PROTECTION**

- 4.32.1 Safety harnesses or other fall protection is required when working above six feet when not on a secure platform with standard handrails.

- 4.32.2 100% Ty-off is required through the use of a double lanyard system.
- 4.32.3 Scaffolds will not be used unless they have been inspected and tagged before use by a competent person.

#### **4.33 PAINTING**

- 4.33.1 Respiratory protection will be worn for painting or other activities with the potential for air borne contaminants as indicated on the MSDS for the material.
- 4.33.2 Painting will not prohibit the function or potential use of operating equipment (example – PSVs) or otherwise create a hazardous situation.

#### **4.34 VACUUM TRUCK SAFETY**

- 4.34.1 Vacuum hose used on combustible materials are to be constructed of conductive or semi conductive material. Semi conductive hose must have an electrical resistance less than or equal to 1 mega ohm. Nonconductive hose should only be used when cleaning up noncombustible materials.
- 4.34.2 Prior to beginning transfer, all grounding/bonding connections must be verified for continuity using a built-in continuity indication on cables or a continuity test meter. Cables with a built in continuity indicating light will be provided in accordance with NA-SAF-STD-053, Vacuum Trucks.
- 4.34.3 Vacuum trucks are required to have a permanently installed continuous self-checking grounding/monitoring verification device in accordance with NA-SAF-STD-053, Vacuum Trucks.

#### **4.35 PROCESS SAFETY**

Contractors working in process safety covered processes shall provide their employees training on their role and responsibilities to prevent process safety incident (29 CFR 1910.119).

#### **4.36 SPILL PREVENTION & CONTROL**

- 4.36.1 Braskem expects team members and contractors to report any spills as soon as possible including, but not limited to, lubricants, chemicals, process spills, cleaning agents, pellets, resin, etc. Reporting of spills of both hazardous and non-hazardous substances should occur as soon as possible to the Braskem Operations Team and Contract Administrator.
- 4.36.2 Braskem participates as a Blue Member in Operation Clean Sweep®. Operation Clean Sweep® is an initiative to help resin handling companies achieve zero pellet, flake, and powder loss to the natural environment. All team members and contractors are expected to pay special attention to the plastic pellets or powder encountered during work activities so as to ensure no leakage to the external environment occurs.

### **5 KEY RESPONSIBILITIES: (brief description of key high level responsibilities)**

- 5.1 Braskem America Contract Administrators - are responsible for ensuring that the requirements of this document and other applicable site specific requirements are effectively communicated to Contractor management and/or supervision relating to their work scope.
- 5.2 Procurement Leader and Buyers – are responsible for forwarding this standard to Contractors as a part of contract process.
- 5.3 Contractors and their employees and subcontractors - are responsible for adhering to this standard in the performance of work at Braskem America facilities.

### **6 KEY DOCUMENTS / RECORDS:**

- 6.1 NA-SAF-STD-022, Braskem Contractor PQF (ISNetworld) Standard

### **Document Control and History**

<b>Document Change History</b>
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The following information documents at least the last 3 changes to this document, with all changes listed for the last 3 months as a minimum.

Rev. No.	Changed By	Date	Brief Description of Change
1	Thompson	2/2/2011	Initial Version
2	Thompson	4/9/2013	Added requirements for background checks and initial hire drug screening.
3	Thompson	4/9/2013	Added "Short Service" Employee definition and requirements
4	Thompson	7/1/2014	Braskem version of obsoleted legacy standards.
5	Thompson	3/16/2015	Added section 4.34 Vacuum Truck to communicate the requirements of NA-SAF-STD-53
6	Thompson	3/26/2015	Minor consistency changes
7	Thompson	6/26/2015	Logo change
8	Thompson	9/8/2015	Minor clarification on respiratory protection
9	Thompson	11/11/2015	Clarification on ladders, PPE, Vacuum Trucks and Electrical Safety
10	Cubler	8/10/2016	Minor consistency changes
11	Cubler	6/15/2017	Updated section 4.7.8 to include smart watches per Corporate HES Interpretation 59
12	Cubler	8/22/2017	Incorporate new logo
13	Cubler	9/10/2108	Editorial correction.
14	Cubler	5/29/2019	Added section 4.15.9 to describe general use glove minimum requirements.
15	Cubler	9/25/2020	Added section 4.36 Spill Prevention and Control
16	Cubler	5/6/2021	Clarified section 4.1 includes PSM requirements