

Houston Business Roundtable
Best Practices



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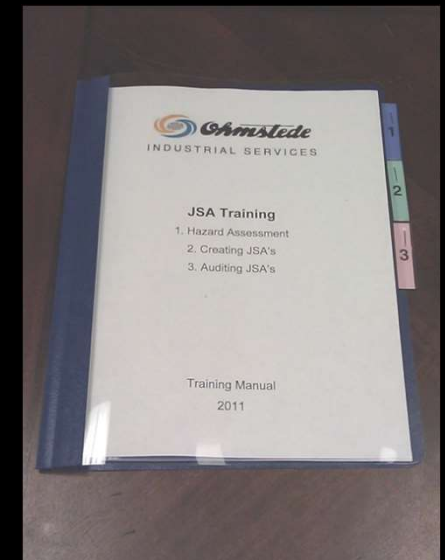
Best Practice

At Ohmstede Industrial Services, Inc our Best Practice is our JSA program. This is a companywide program endorsed and supported from the President on down to all employees.

We feel that the JSA is the most integral part to our safety program in that it will in fact help prevent accidents and help enhance our safety culture when utilizing a Quality JSA.

The JSA program can be broken down into three areas:

1. TRAINING (all employees go through 19OISJSA)
2. FIELD PROCESS
3. MANAGEMENT REVIEW





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FIELD PROCESS & MANAGEMENT REVIEW

- JSA's graded in the field
- Scores entered into Company database along with scanned copy of JSA and gradesheet
- Corporate safety automatically notified when each JSA has been uploaded to the database (Sharepoint)
- Monthly Reporting of results to each district along with Goal
- Tracking capabilities (average score(s))
 - By Supervisor
 - By Job
 - By Site Manager
 - By District
 - By Auditor





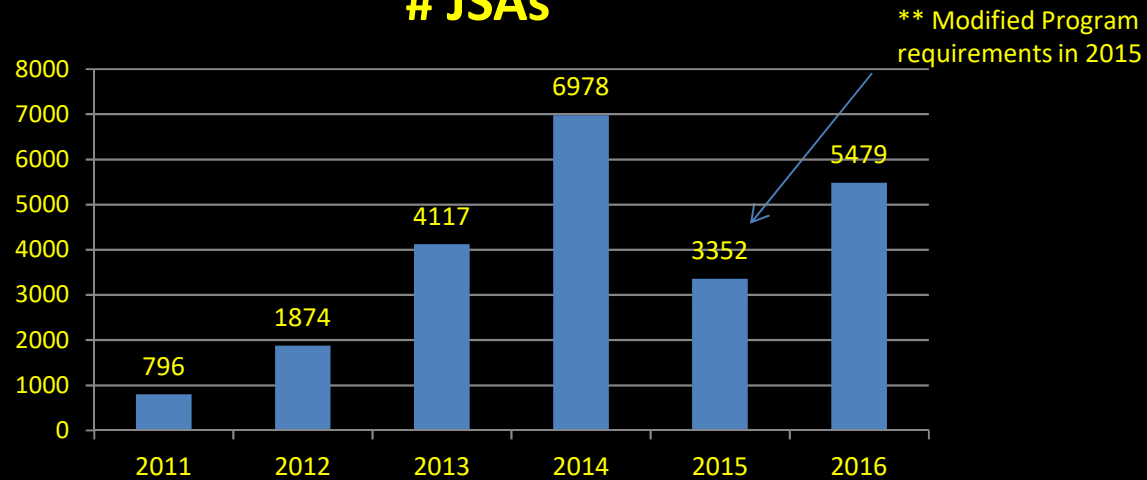
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Our Proven Progress

JSAs





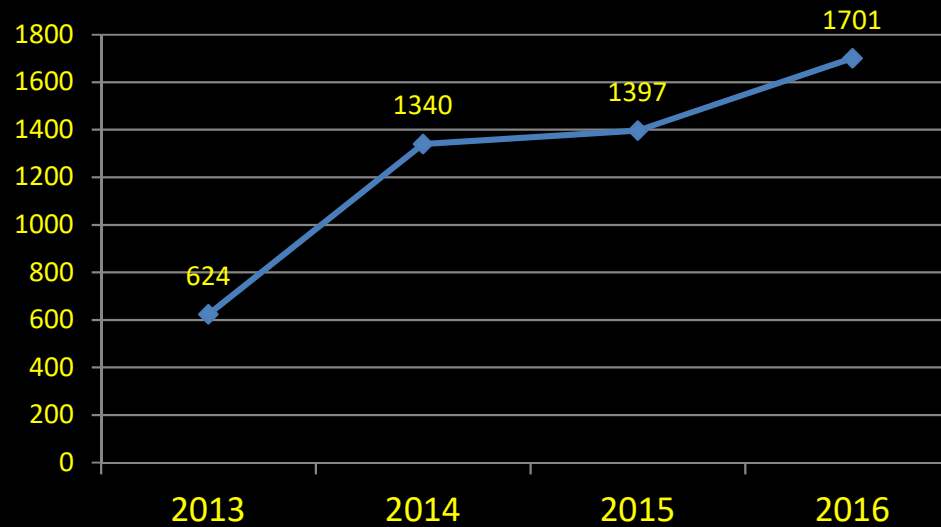
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OIS JSA Training

Emps Trained



2013 was the first year
we started the
19OISJSA CBT at all
Safety Councils





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JSA Expectations

Written Mechanical Work, Job Site Safety Analysis

JSA Expectations

- The JSA should focus on the specific task and area hazards.
- All work group members must be involved in writing the JSA and sign the JSA before starting work.
- The JSA should be updated and revised as the job scope and hazards change. Updates or changes should be communicated to the entire work group.
- The JSA should be turned in to the supervisor by the end of the shift.
- Stand bys (bottle watch, hazard watch, entry attendants) must have their task responsibilities and tools listed on the JSA.

STICC

- Utilize the Watch My Back cards and STICC for each task to identify the hazards.
 1. Stop
 2. Talk through the steps
 3. Identify the hazards
 4. Control the hazards
 5. Communicate
- 1. What could go wrong?
2. What's the worst thing that could happen if it does?
- Basic tasks, hazards, and mitigation steps should not be listed.

Items to Address using with Verbal Communication between Workers.	Items to be Addressed on the JSA
<ul style="list-style-type: none"> • Putting normal hand tools and materials in the truck and going to the job. • Receiving a permit • Normal walking in clear travel paths • Setting up a job for a permit • Gathering hand tools 	<ul style="list-style-type: none"> • Special PPE • Loading large, heavy and bulky equipment or moving cranes, fork lifts extractors, etc. • Travel paths that are highly congested or severely rutted. • Describe/Designate tie-off points on the JSSA • Performing a task with tools, equipment, on scaffolds or with special PPE

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Tips for Building a Quality JSA

- Use outline form to relate work each task, every tool, every piece of mobile equip. and the most common hazards, and elimination/mitigation steps for each.
- Include any high profile hazards and mitigation/elimination.
- Use action words to describe task, such as, "remove", "open", or "install".
- Use specific terms when developing eliminations/mitigations. Avoid terms such as "watch out", "be careful" or "pay attention".
- Remember to include tools and equipment required in each work step. Tools with similar functions and hazards can be grouped together.

HAZARD IDENTIFICATION AID

This list is provided to help identify typical hazards but does not include all hazards.

Examples of task associated hazards:

- Tool hazards- pinch, cut, burn, strike, etc.
- Climbing with tools/materials in hands.
- Rigging- improper type, size, no softeners.
- Potential for tools/material to fall.
- Welding/grinding- dust sparks or fumes.
- Body position- over extending, stooping, lifting.
- Crane loads- path not cleared, no tag lines, over head lifts, spotters, barricades...
- Electrical shock potential.
- Leaks or Spills due to your work that could result in an env. accident.

Examples of area hazards:

- Grit, dirt, etc. that could become airborne.
- Poor lighting or ventilation.
- Access problems- elevated, tight spots, bad footing.
- Specific pinch points.
- Travel path obstructions- hoses, cords, tools, equipment.
- Insects/wild life.
- Weather- windy, hot, rain, heat stress.
- Ground conditions- slippery, uneven.
- Excessive noise.
- Cut/Puncture hazards- jagged insulation, wire.
- Hot surfaces- pipe, steam tracing.
- Specific head and body knockers.
- Work at heights- identifies specific anchor points.
- Sensitive equipment near your work areas. (Electrical lines, fragile equipment, etc.)

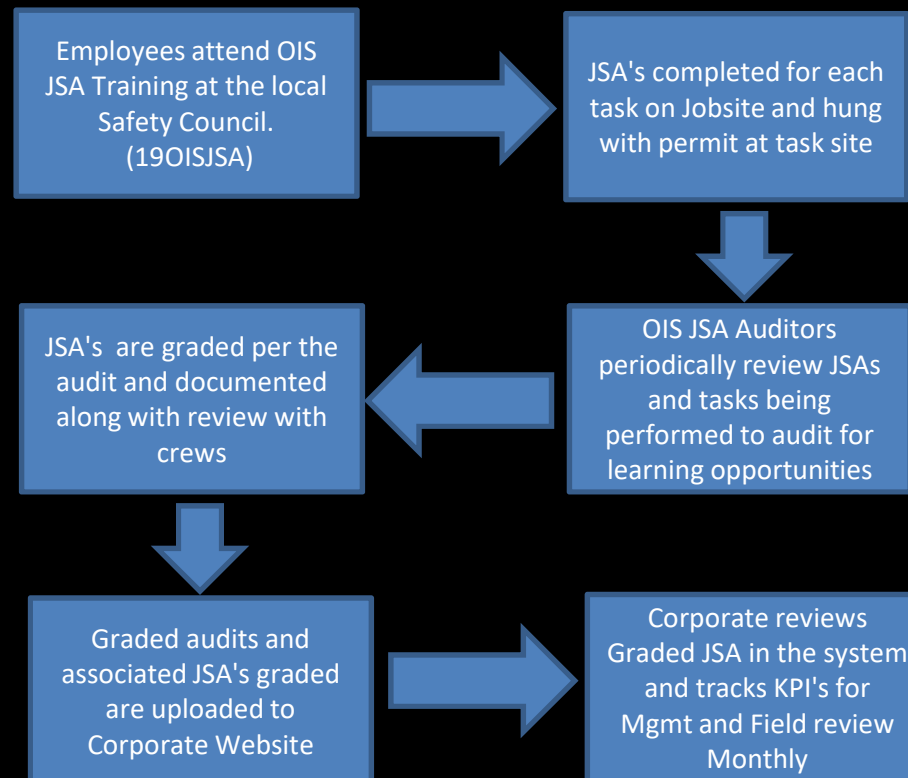
* Provided to all employees at hire in and during OIS Orientation



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The following report is provided to management on an annual basis.

From the report OIS is able to determine training opportunities for the next year.

2016 JSA Audit Summary Analysis

JSA # 4714 Submitted

Ohmstede Industrial Services - JSA Audit Form			
Revision 7-2015			
Date: 2016	Time: N/A	Client: Various	
Unit/Location/ Project/TA/Equip. #:	Various	Person Performing Audit: Various	
Task:	Various	Permit Number: Various	
Foreman/Supervisor:	Various	Site Superintendent: Various	
Audit Element	Possible Points	Points Earned	Comments
Front of JSA			
1. Is the top of the JSA filled out properly? If any deficiencies then no points. <input type="checkbox"/> Client Name <input type="checkbox"/> Date & Time of JSA <input type="checkbox"/> Specific Work Location <input type="checkbox"/> Permit #, Supervisor, Safety, Project Manager	0/5	88%	
2. Is all of the emergency information filled out properly? If any deficiencies then no points. <input type="checkbox"/> Primary Evac. Point <input type="checkbox"/> Secondary Evac. Pt <input type="checkbox"/> Offsite Evac. Point <input type="checkbox"/> Safety Shower/Eyewash <input type="checkbox"/> Emergency #'s	0/10	89%	
3. Have all workers on the work crew signed and printed their name on the JSA?	0/5	81%	# of crew members:
4. Has the Supervisor/Foreman signed and printed their name on the JSA?	0/10	92%	
5. Does the job scope match the work being performed?	0/15	98%	
BACK of JSA			
6. Does the "Task Breakdown" include the major steps and equipment/tools required to complete the job?	0/10/15	77%	←
7. Are specific task and area hazards identified that correspond with each work step?	0/10/15	86%	
8. Does the Severity Score match the hazard based on the criteria on the JSA?	0/5	72%	←
9. Are specific elimination mitigation steps identified for each hazard?	0/10/15	88%	
10. Are the employees following what is written on the JSA?(If a (0) is given refer to "Note" below)	0/5	97%	
Total Points	100	87%	

NOTE: If the JSA is not present at the jobsite, if the JSA is not applicable to the work being performed, or the JSA is a Xeroxed copy, score "0" for the entire audit. The job shall be shut down until a proper JSA in place and the infraction shall be reported to the Project Manager.



Thank you!

Questions

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