

NAVFAC SAFETY SHACK



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WHAT IS THE SAFETY SHACK?



- **THE NAVFAC SAFETY SHACK IS A CLEARING HOUSE FOR SAFETY INFORMATION.**
- **WHY SHOULD YOU KNOW ABOUT IT?**
- **IT PROMOTES OUR SAFETY CULTURE THROUGH CONSISTENCY IN THE USE OF DOCUMENTS AND BY MAKING USEFUL SAFETY INFORMATION AVAILABLE TO BOTH GOVERNMENT EMPLOYEES AND CONTRACTOR PERSONNEL.**



WHAT IS IN THE SAFETY SHACK?



- **CHECKLIST FOR ACCIDENT PREVENTION PLANS, ACTIVITY HAZARD ANALYSIS FORMS, CRANE ENTRY FORMS, SELF EVALUATION, AND CHANGES TO EM 385-1-1.**
- **SAFETY CHECKLISTS.**
- **MISHAP ABSTRACTS FOR YOUR REVIEW AND TRAINING.**
- **SAFETY REQUIREMENTS AND TRAINING RESOURCES.**
- **EM 385-1-1 SAFETY AWARENESS TOPICS FOR REVIEW AND TRAINING.**



NAVFAC Six Step Contracting Process (Pillars) - To Successful Contractor Safety Performance



Contractor Partners

Your partnership with us is vital to our collective safety success. We share in your concern for assuring products and services are delivered safely maintaining client mission readiness without disruption or endangerment to contractor or military personnel. Safety is a key component of production planning

KNOW SAFETY - NO MISHAPS

Join us by making your company goal ***ZERO MISHAPS***

Crane Entry Forms

- [NEW 2011 Contractor P-2 Checklist Form](#)
- [Latest P-1 and P-2 2010](#)
- [Crane and Rigging Accident Report Form](#)
- [Crane and Rigging Near Miss Report Form](#)
- [Contractor Entry Package and Forms](#)
- [Critical Lift Plan Checklist](#)
- [Contractor Crane StartUp Inspection Form](#)

Mishap Reporting Forms

- [Contractor Incident Report \(CIRs\) Form](#)
- [USER MANUAL - Contractor Incident Reporting System \(CIRS\)](#)

EM 385-1-1 and AHA Contractor Resources

- [NAVFAC AHA Abbreviated Form](#)
- [Activity Hazard Analysis Guide](#)
- [NAVFAC MIDLANT Contractor AHA Comprehensive Form](#)
- [EM 385-1-1 Contractor Safety Deficiency Tracking System Form](#)
- [AHA and ORM](#)
- [EM 385-1-1 \(2008\) Full Plan Review](#)
- [Contractor Safety Management Checklist \(CAV\)](#)
- [NAVFAC AHA FORM EXCEL](#)
- [Activity Hazard Analysis Example](#)
- [2008 USACE EM 385-1-1](#)
- [Steps for Ordering EM 385-1-1 Manual](#)
- [ORM AHA](#)
- [EM 385-1-1 \(2008\) Abbreviated Safety Plan Checklist](#)

Contractor Resource - Monthly Self Evaluation Checklist

- [Monthly Contractor Evaluation Checklist & Scoring](#)



[Unsafe Observations Apr-May 2010](#)

EM 385-1-1 2008 Changes

- [Link to All USACE EM 385-1-1 Changes](#)
- [Changes to Sections 1-5](#)
- [Changes to Sections 6-10](#)
- [Changes to Sections 11-15](#)
- [Changes to Sections 16-20](#)
- [Changes to Sections 21-25](#)
- [Changes to Sections 31-34](#)

Contractor Safety Resources



Crane Entry Forms

[NEW 2011 Contractor P-2 Checklist Form](#)

[Latest P-1 and P-2 2010](#)

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[Activity Hazard Analysis Example](#)

[2008 USACE EM 385-1-1](#)

[Steps for Ordering EM 385-1-1 Manual](#)

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[Changes to Sections 21-25](#)

USEFUL FORMS FOR YOUR CONVENIENCE



Activity Hazard Analysis (AHA)

Activity/Work Task: Scaffolding Erection	Overall Risk Assessment Code (RAC) (Use highest code)	M				
Project Location: Camp Zama, Japan	Risk Assessment Code (RAC) Matrix					
Contract Number: CEPOJ-SO-263-4873	Severity	Probability				
Date Prepared:			Frequent	Likely	Occasional	Seldom
Prepared by (Name/Title): Tsuno Toru, SO Specialist	Catastrophic	E	E	H	H	M
Reviewed by (Name/Title): Daniel Fujimoto/SOH Manager	Critical	E	H	H	M	L
	Marginal	H	M	M	L	L
	Negligible	M	L	L	L	L
Notes: (Field Notes, Review Comments, etc.)	Step 1: Review each "Hazard" with identified safety "Controls" and determine RAC (See above)					RAC Chart E = Extremely High Risk H = High Risk M = Moderate Risk L = Low Risk
Clone setup and use site on a separate AHA.	"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom, or Unlikely.					
	"Severity" is the outcome degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible.					
	Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.					
Job Steps	Hazards	Controls				RAC
General Safety Requirements all Steps	Exposure to Cold or Hot Weather	Minimum Personal Protective Equipment Dress: <ul style="list-style-type: none"> Long Pants Shirts with Sleeves Hardhat Covered Shoes (Steel Toe Preferred) Safety Glasses (Potential Eye Hazard Areas) 				L
	Dehydration	Weather: <ul style="list-style-type: none"> Wear appropriate clothing for hot or cold weather. (List specific clothing or refer to Company quick sheet, SOPs, plan, etc. for specific details) Sun block Lip balm 				
	Add additional potential hazards for general on site safety requirements. The above hazards are not all inclusive and the Site Safety and Health Officer including the Quality Assurance Representative (QAR) shall review the AHA.	Dehydration: <ul style="list-style-type: none"> Drink at least 1/2 liter of water an hour. Refer to Company quick sheet, SOPs, plan, etc. for specific details on heat stress signs and symptoms. 				

	YES	NO	N/A
1. SIGNATURE SHEET. Title, signature, and phone number of the following:			
Plan preparer (Qualified Person, Competent Person, such as corporate or staff person, QC);	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plan must be approved, by company/corporate officers authorized to join the company;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plan concurrence (e.g., Chief of Operations, Corporate Chief of Safety, corporate Industrial Hygienist, project manager or superintendent, project professional, project QC). Provide concurrence of other applicable state and project personnel (Contractor).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BACKGROUND INFORMATION. List the following:			
Contractor;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contract number;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Project name;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brief project description, description of work to be performed, and location; phases of work anticipated (these will require an AHA).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STATEMENT OF SAFETY AND HEALTH POLICY.			
Provide a copy of current corporate/company Safety and Health Policy document, detailing commitment to providing a safe and healthful place for all employees. The Contractor's written safety program's objectives and accident experience goals for this contract should be provided.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RESPONSIBILITIES AND LINES OF AUTHORITIES. Provide the following:			
Statement of the employer's ultimate responsibility for the implementation of his SOH program;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Identification and accountability of personnel responsible for safety at corporate and project level. Contracts specifically requiring safety industrial hygiene personnel shall include a copy of their resumes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

JMH 2009

EM 385-1-1 Safety Checklists



[Safety Program Management Checklist](#)

[Personal Protective Equipment PPE Safety Checklist](#)

[Ladder Safety Checklist](#)

[Metal Scaffold Safety Checklist 08](#)

[Structural Steel Safety Checklist](#)

[Machinery & Mechanized Equip Safety Checklist 2008](#)

[Dump Truck Safety Checklist](#)

[Pile Driver Safety Checklist 08](#)

[Material Hoisting Safety Checklist](#)

[Formwork Safety Checklist 08](#)

[Drilling Equipment Safety Checklist 08](#)

[Tree work Safety Checklist 08](#)

[Electrical Safety Checklist 2011](#)

[Fall Protection - Steel Erection](#)

[Required Safety Plans Checklist](#)

[Demolition Safety Checklist 08](#)

[Articulating Boom Daily Walk Around Checklist 08](#)

[Scaffold Systems Safety Checklist \(Other\)](#)

[Tower Safety Checklist](#)

[Motor Vehicle Safety Checklist](#)

[Conveyor Safety Checklist 08](#)

[Rigging Safety Checklist](#)

[Confined Space Safety Checklist 08](#)

[Excavation Safety Checklist 08](#)

[Welding Safety Checklist 08](#)

[Dive Operations Safety Checklist](#)

[Tower Crane Checklist 2011](#)

[Housekeeping Safety Checklist 08](#)

[Fall Protection Safety Checklist 08](#)

[Articulating Boom Platform Guide Sheet 08](#)

[Scaffold Safe Practices Guide 08](#)

[Mobile Equipment Safety Checklist 2008](#)

[Hydraulic Excavator 2008](#)

[Crawler & Truck Mount Cranes 08](#)

[Critical Lift Safety Checklist](#)

[Hazardous Energy Safety Checklist 08](#)

[Excavation Competent Person Checklist 08](#)

[Floating Plant Safety Checklist](#)

[Hazardous Substance Safety Checklist 08](#)

[Activity Hazard Analysis 2011](#)

Mishap Abstract (categories)

General Category - Abstracts

[2012 Unsecured site fencing](#)
[2009 Hazard Associated with Double Connections](#)
[2009 Surge Protector Electrical Fire](#)
[2008 Timber - Manual Tree Felling Struck by](#)
[2006 FIRE LESSONS](#)
[2003 Sewer gas H2S](#)
[2002 Fuel Tank Roof Collapse](#)
[2001 Plastic pipe test failure](#)
[2010 PIER HIGH WASTE LIGHTING FAILURE](#)
[2009 Crushed/Struck by Railroad Car](#)
[2008 Metal Roofing/Electrical](#)
[2008 Chain Saw laceration to foot while clearing](#)
[2006 Wooden truss collapse](#)
[2003 Uncontrolled water release damage](#)
[2002 Confined Space Entry](#)
[1998 Steam release \(burns\)](#)

Tool/Material Handling Mishaps Lessons Learned Abstracts

[2012 Wood Chipper Hand Mishap](#)
[2009 Crushed by Concrete Pile Material Handling](#)
[2009 Crushed by dropped steel beam](#)
[2009 Oxygen Regulator Mishap](#)
[2007 Metal Box Laceration](#)
[1996 Laceration from masonry saw](#)
[2009 Crushed by Dropped Steel Beam During Double Connection](#)
[2009 Crushed by tank during lining separation procedure](#)
[2009 Pinch Point](#)
[2008 Weed Wacker w/ cutter attachment Leg Laceration](#)
[1999 Laceration - portable masonry saw](#)

Masonry & Scaffold Mishaps Lessons Learned Abstracts

Equipment(Heavy) Lessons Learned Abstracts

[2012 Long Bed Off Road Dump Truck Roll Over](#)
[2011 Dump Truck](#)
[2010 Asphalt Milling Machine Roll Over](#)
[2009 Mower Alert](#)
[2009 Rough Terrain Forklift Overturn](#)
[2008 Equipment roll over](#)
[2007 Riding Lawn mower overturn](#)
[2007 Dump Truck Power Line Contact](#)
[2007 Articulating Platform Roll Over](#)
[2007 Traffic \(bus\) accident](#)
[2007 Equipment dropped load \(trenchbox\)](#)
[2007 Crushed by concrete pipe](#)
[2007 Excavator Rigging Mishap](#)
[2006 Roller Equipment Rollover](#)
[2002 Skid Steer Loader caught between](#)
[2002 Barge Mishap](#)
[2001 Trenchbox failure](#)
[1999 Struck by Skid Steer Loader](#)
[2011 Excavator improper rigging and lifting](#)
[2010 Crushed by Loader](#)
[2009 Dropped Steel Beam - Erection - Forklift](#)
[2009 Fork Lift Electrical Contract Near Miss](#)
[2008 Lattice Boom Crane Failure \(Valve malfunction\)](#)
[2008 Dump Truck overturn](#)
[2007 Dump truck Power Line Contact](#)
[2007 Burn while refueling equipment](#)
[2007 Back hoe overturn](#)
[2007 Overturned extendable boom forklift](#)
[2007 Burn refueling weed wacker](#)
[2007 Jack hammer air hose failure](#)
[2006 Conveyor system \(crushed\)](#)
[2006 Waterfront Operations skid steer loader](#)
[2002 WORK PLATFORM ADVISORY](#)
[2002 Floating plant work crushing](#)
[1999 Mini excavator roll over](#)
[1996 Skid Steer Loader](#)

Excavation Lessons Learned Abstracts

Electrical Mishaps Lessons Learned Abstracts

[2012 Oil Filled Transformer Explosion](#)
[2009 Maintenance Mechanic Contact with Electricity](#)
[2009 Electrical panel fire/contact](#)
[2008 Unauthorized HV Switch Operation \(Cut lock\)](#)
[2008 Arc Flash](#)
[2008 Cable Pulling Mishap Lessons Learned](#)
[2005 Electrical Flash Burn](#)
[2002 Electrical Flash burns](#)
[1998 Electrical wrong cable cut](#)
[2012 Exposure to UV lighting](#)
[2009 Fuse Changing Service Contract Electrical Fatality](#)
[2009 Office Space Electrical Shock](#)
[2008 Arc Flash Injury](#)
[2008 Generator Testing Arc Flash](#)
[2007 Electrical Shock](#)
[2004 Auger underground power line contact](#)
[2000 Drilling into Pier mishap](#)

Crane and Rigging Mishaps Lessons Learned Abstracts

[2011 Crane Contact with Overhead Power Line](#)
[2001 Crane contact with power line](#)
[2007 Crane hook failure](#)
[2002 Crane \(lattice\) overturn](#)
[2002 Crane Incident falling debris](#)
[2010 Crane Boom Collapse](#)
[2009 Crane Overturn](#)
[2003 Crane slip off barge](#)
[2002 Barge Crane over turn](#)
[2001 Precast delivery crane overturn](#)

Fall Mishaps Lessons Learned Abstracts

[2012 Fall From Baker](#)
[2011 Fall From Scaffold](#)

Safety Requirements and Training Resources



Safety Requirements

[EM 385-1-1 \(2008\)](#)

[EM 385-1-1 Web based on line safety awareness training modules](#)

Information that allows users to accomplish EM 385-1-1 Training

[OSHA 29 CFR 1926](#)

[USACE EM 385-1-1 \(2003\)](#)

[Tri Services Guide Specification](#)

[OSHA Outreach Training Resources](#)

[EURAF SWA SSM](#)

[Mishap Lessons Learned](#)

[EURAF SWA SSM ACADEMY](#)

[EURAF SWA HA](#)

[FALL PROTECTION FOR ENGINEERS](#)

[Fall Protection For Engineers](#)

[Fall Protection Training for Architects and Engineers July 2012](#)

[FP IN UFGS](#)

[FP DESIGN GUIDANCE](#)

[FP COMPLIANCE CHECKLIST](#)

[EM 385 & OSHA FP COMPARISON](#)

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EM 385 Safety Awareness Topics



General Safety Requirements

[2010 General Requirements](#)
[2010 Enforcement Gov't Tools](#)

Activity Hazard Analysis (AHA)

[2010 AHA](#)
[2010 AHA 2](#)

Crane Safety

[2010 Tower Crane Safety](#)
[2010 Rigging Safety](#)
[Crane Rigging Terminology](#)
[Technically Difficult Rigging Arrangements](#)
[Pile Driver Checklist](#)
[Daily Crane Checklist](#)

Electrical Safety

[2010 Electrical Safety](#)
[ELECTRICAL SAFETY GUIDE.PDF](#)
[Hazardous Energy Control Checklist](#)

Excavation

[2010 Excavation Safety](#)

Concrete & Masonry

[2010 Concrete & Masonry Safety](#)

Demolition Safety

[2010 Demolition Safety](#)

Hand & Power Tool Safety

[2010 Hand & Power Tool Safety](#)

Waterfront Construction Safety

[2010 Waterfront Safety](#)

Lead Safety

[Environmental Lead Plan Outline](#)

Fall Protection Safety

[2010 Fall Protection \(General\)](#)
[2010 Fall Protection - Ladders & Stairways](#)
[2010 Fall Protection - Steel Erection](#)
[2010 Fall Protection - Work Platforms](#)
[2010 Fall Protection - Roofing](#)

Welding Safety

[2010 Welding & Hot Work Safety](#)
[Welding & Cutting General Information](#)
[O2 Cylinders - Sleeping Giant](#)

Confined Space Safety

[2010 Confined Space Safety](#)
[Confined Space Checklist](#)

THE SAFETY SHACK CARD



***THE END.
THANK YOU FOR YOUR
TIME.***



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