

AUTHORIZATION & RELEVANCY	ASSURANCE CONSTRUCTION & SERVICES		HAZARD ASSESSMENT & ANALYSIS WORKSHEET			R-15 FORMAL HAA				
	JOB/TASK		GUARDRAIL & BARRIER SETUP							
	ANALYSIS BY		SERVICE MANAGER		SENIOR ADMINISTRATOR					
	HARLEY WINBORN		JAIME HEIDE		JASON DEBOER					
	SIGN									
	DATE	OCTOBER 6 2015								
ORIGINAL ASSESSMENT DATE		REASON FOR THIS REVISION (ANN. REVIEW, CHANGE IN PROCEDURE, CHANGE OR NEW EQUIP., OR INCIDENT)								
04/01/2011		ANNUAL REVIEW								
WHAT YOU NEED	TOOLS/EQUIPMENT USED		MATERIALS REQUIRED			PPE REQUIRED				
	AS REQUIRED TO CONSTRUCT FALL PROTECTION DEVICE (SAWS, DRILLS, HAMMER, NAILS, ETC)		GUARDRAILS (2X4 MATERIAL OR PREFABRICATED SYSTEM), FALL ARREST HARNESS & EQUIPMENT, OTHER MATERIALS, ETC.			STANDARD PPE (HARD HAT, SAFETY VEST, STEEL TOED BOOTS, EYE PROTECTION)				
HAZARDOUS STEPS & TASKS	STEPS /TASKS		WHAT COULD HAPPEN	HEALTH HAZ.	SAFETY HAZ.	PROPERTY DAMAGE	WHAT PROTECTS YOU	ENG. CONTROL	ADMIN. CONTROL	P.P. EQUIP.
	1	DO STANDARD PPE & PERFORM FIELD LEVEL HAZARD ASSESSMENT	PERSONAL INJURY FROM FALLING:		X		GUARDRAILS & TOE-KICKS	X		
	2	GUARDRAILS INSTALLED	MORE THAN 1.22M: ON LEVELS WHICH ARE PERMANENT				FALL ARREST			X
		FALL PROTECTION (GUARDRAILS, FALL RESTRAINT, FALL ARREST) IS REQUIRED WHEN:	LESS THAN 3M:				STANDARD PPE, GUARDRAILS	X		X
		A - FALL GREATER THAN 3 METERS MAY OCCUR OR OVER WATER	FALLING ONTO EXPOSED CONSTRUCTION MATERIALS (IE. EXPOSED REBAR) RESULTING IN BLUNT OR PENETRATING INJURY.		X		GUARDRAILS SWP	X	X	
			FALLING INTO WATER, DROWNING		X		HOUSEKEEPING (TIDY TO PREVENT FALLING DEBRIS)		X	
			FALLING ONTO OTHER WORKERS BELOW		X		FALL PROTECTION EQUIPMENT SWP		X	
		B - FALL LESS THAN 3 METERS WOULD CAUSE INJURY GREATER	GREATER THAN 3M:				HARDHAT			X
		REFER TO SPECIFIC HAA FOR DETAILS ON THE FOLLOWING:	HEAD INJURIES		X					
		GUARDRAILS	CENTRAL AND PERIPHERAL INJURY/FRACTURES		X					
		FALL PROTECTION EQUIPMENT								
			FALLS GREATER THAN 3 TIMES WORKERS HEIGHT CONSTITUTES A "CRITICAL FALL"							
			POTENTIALLY LETHAL INJURY - CATASTROPHIC HEAD INJURIES, CENTRAL AND PERIPHERAL FRACTURES, INTERNAL BLEEDING,		X		FALL PROTECTION EQUIPMENT SWP			X
	3	ENSURE FALL PROTECTION WILL PREVENT WORKERS, TOOLS, AND MATERIALS FROM FALLING FROM HEIGHTS.	PNEUMOTHORAX (COLLAPSED LUNG), ETC.		X		GUARDRAILS SWP		X	
			POSSIBLE DAMAGE/DESTRUCTION OF TOOLS AND MATERIAL FROM FALLS:			X				
	4	CONSTRUCTION OF GUARDRAILS AND FALL ARREST DEVICES SHOULD TAKE PLACE WITHOUT OTHER EMPLOYEES WORKING DIRECTLY BELOW UNTIL TASK IS COMPLETED (IF POSSIBLE)	POWER TOOLS, HAND TOOLS, CONSTRUCTION MATERIALS FALLING		X		HARDHAT			X
	5	HOLES AND OPENINGS IN FLOORS OR ROOFS MUST HAVE GUARD RAILS WITH TOEBOARDS OR A COVERING STRONG ENOUGH TOP SUPPORT ANY WEIGHT ON IT AND FASTENED SO IT WILL NOT MOVE.WARNING SIGNAGE MUST ALSO BE PRESENT..					SIGNAGE, GUARDRAILS	X	X	
	*NOTE	SUPERVISORS MUST GIVE PERMISSION TO REMOVE FALL PREVENTION DEVICES IF WORK MUST PROCEED. AS SOON AS POSSIBLE REPLACE ANY FALL PREVENTION EQUIPMENT THAT HAS BEEN REMOVED.	FALL		X		USE FALL ARREST EQUIPMENT			X
	*NOTE	GUARDRAILS:TOP RAIL MAX IS 107 CM BUT AT LEAST 97 CM. MIDRAIL HALF WAY BETWEEN TOP AND BOTTOM AND A TOE PLATE. VERTICAL MEMBERS NO MORE THAN 3 M.					OH&S CODE PART 9 SECTION 315	X	X	
	*NOTE	OH&S CODE PART 9 IS RELEVANT TO THIS HAA								
RATING SYSTEM	PROBABILITY/RISK RATING WITHOUT CONTROLS OR PROTECTION				SEVERITY/CONSEQUENCE RATING				TOTALS	PRIORITY RATING /20
	1	LOW PROBABILITY (EXTREMELY REMOTE)	1	FIRST AID ONLY/MINOR PROPERTY DAMAGE						
	2	LOW-MEDIUM PROBABILITY (REMOTE)	2	MEDICAL AID/MINOR PROPERTY DAMAGE						
	3	MEDIUM PROBABILITY (MIGHT OCCUR)	3	LOST TIME INJURY/MAJOR PROPERTY DAMAGE						
	4	MEDIUM-HIGH PROBABILITY (LIKELY WILL OCCUR EVENTUALLY)	4	PERMANENT DISABILITY/MAJOR PROPERTY DAMAGE						
	5	HIGH PROBABILITY (WILL OCCUR)	5	FATAL/CATASTROPHIC PROPERTY DAMAGE						
	1	HEALTH	2	HEALTH	3	→	12			
	4	SAFETY	5	SAFETY	9					