



MATRIX FOR FINAL SAFETY APPROVAL

		Type Of Work To Be Performed							
		Confined Space Entry	Line Breaking & Equipment Opening	Hot Work	By-Pass Of Critical Safety Devices	Sulfuric Startup with Inversion Risk	Hot Tap	Water Safety	Radiation
Approval Level**		Confined Space Permit	Safe Work Permit	Safe Work Permit	Critical Safety Device Bypass Permit; or Impairment Form	Sulfuric Pre-Startup Checklist	Hot Tap - Request for Approval & Checklist	Water Safety Work Permit	None
Facility General Manager Sr Manager Prod/Maint Director	<ul style="list-style-type: none"> * Sulfuric acid towers, pump tanks & storage tanks * Reactors * Ammonia bullets * Scrubber vessels using acid as media * Spillways * Dragline tubs * Barge and dredge hull compartments * Rubber application with hot work * Initial approval for entry into Phos Acid vessels (eg. Tanks, Clarifiers, Flash Coolers, etc...) ¹ 	All	<ul style="list-style-type: none"> * Flammable / combustible liquid or gas systems * Wet rock mills using ammoniated pond water * Ammonia systems * Urethane screens * Rubber lined equipment or confined spaces * Sulfuric acid lines and vessels * Any non-vented pontoon * Granulation plants during sulfur addition 	All	All	All	Any deviations or exceptions to Water Safety Program.	Not Authorized	
Supt. Prod/Ops/Maint	All Other Confined Spaces						All		
Area Coord. Supv. Area Supv. Prod/Maint	Not Authorized	Not Authorized	All Other Hot Work	Not Authorized	Not Authorized	Not Authorized	Not Authorized	Not Authorized	
Radiation Safety Officer	Not Authorized	Not Authorized	Not Authorized	Not Authorized	Not Authorized	Not Authorized	Not Authorized	Not Authorized	All

**Facility Managers and Department Directors will designate individuals under their control who are authorized to provide Final Safety Approval per the matrix.

Permit approvers shall only do so for those areas in the operation where they have training and/or experience. If not, he/she shall defer approving the permit.

¹ Prior to initial entry, Facility Manager, or in their absence a designee, shall ensure all phosphoric acid tanks, clarifiers, and flash coolers are cleaned to a point where there is no build up or hanging material in the vessel higher than 4' from the floor.