



## Task Risk Assessment Appendix B

### Hazard Matrix Example

# HAZARD MATRIX

Risk Measure													
Site	Hazard	Activity/Threat	Exposure	Functional Group	Process Department	Area	Impact Categories	Consequence	Likelihood	Score	Proactive Controls and Procedures	Reactive Controls and Procedures	Legal & Other (including permits)
South Fort Meade	Water	Heavy equipment / personnel working near water	falling in water	Operations	Mining	All	Safety	A	3	A3	MSHA Training, OJT, Water Safety Permits, site specific hazard training, spotter; contractor safety policy, Phosphates Water Safety Program	PPE, ERT, PERSONAL FLOTATION DEVICE	30 CFR 56.15006 & 56.15007; 30 CFR 56, Subs.
South Fort Meade	product pile Instability	dozer pushing in/loader moving product from bottom of pile	Engulfment	Operations	Beneficiation	shipping	Safety	A	2	A2	MSHA & site specific hazard training, Awareness Training, task training, camera	PPE, ERT, communications	30 CFR 56.15006 & 56.15007; 30 CFR 56, Subs.
South Fort Meade	improper Lifting	Manual Lifting	Injury	General/Admin	SFM facility	All	Safety	B	4	B4	Mosaic MSHA training program, site specific hazard training, Awareness Training, task training, inspections, OJT, Safe Track	PPE, ERT	30 CFR 56.15006 & 56.15007; 30 CFR 56, Subs.
South Fort Meade	Toxic Gases	Welding, burning, confined space entry, combustion engines, areas with decaying vegetation	Inhalation	General/Admin	SFM facility	All	Safety	A	2	A2	confined space entry program, work permits, training, OJT, gas meter,	PPE, ERT, confined space rescue	30 CFR 56.15006 & 56.15007; 30 CFR 50; 30
South Fort Meade	Vaccinations / medications	Receiving/Administering Vaccinations, medications	patient fainting, infection, hematoma, anaphylactic	EHSS	SFM facility	All	Safety	A	1	A1	Training, PERSONNEL SAFETY PROGRAM, Occupational Health Program	Medical Protocol , Handwashing, PPE, Safety Lock Needles	30 CFR 56.15006 & 56.15007; 30 CFR 50; 30
South Fort Meade	Sharp Objects	Working on or around sharp objects	coming in contact with	General/Admin	SFM facility	All	Safety	A	1	A1	Mosaic MSHA training program, site specific hazard training, Awareness Training, task training, inspections, OJT, Safe Track, housekeeping inspections	PPE, ERT	30 CFR 56.15006 & 56.15007; 30 CFR 56, Subs.