

## Case Study Sample Job Plan

Michael Roberts     act:   Jason Battalia     ription:   Install spare     Operation Desc     ock out equipment     remove oil piping     remove motor     reak chain     Inbolt/remove GB     et/bolt/align GB     reinstall motor     ighten v-belts     nstall oil pump and pipin     nstall oil pump and pipin     nstall guards     ill GB with oil     inergize and test	Wo gear box	rk Orca Loca (GB) Jot	ler#:		Date: Equipmen	05/16/21 t # 26 ated Hours
ription: Install spare Operation Desc ock out equipment emove oil piping emove motor reak chain Inbolt/remove GB et/bolt/align GB et/bolt/align GB reinstall motor ighten v-belts istall chain istall chain istall chain istall guards ill GB with oil inergize and test	gear box ription	ateria	Scope     Craft     GMM     Total Ho	# Crew 4 2 2 1 2 1 2 4 2 4 2 1 1 2 2 2 1 2 2 1 2 0 0 0 0 0 0 0 0 0	Estima 2.5 .5 1 .25 1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5 .5	·
Operation Desc ock out equipment emove oil piping emove motor reak chain hoblt/remove GB et/bolt/align GB eeinstall motor ighten v-belts hstall chain hstall chain hstall oil pump and pipin hstall guards ill GB with oil inergize and test	ng Ma	Jot	Craft GMM GMM GMM GMM GMM GMM GMM GMM GMM GM	4 2 2 1 2 4 2 4 2 1 1 1 2 2 2 1 2 0 0 0 1 5	2.5 .5 1 .25 1 .5 .5 .5 .5 .25 .5 .25 .5 .25 .25	ated Hours
ock out equipment Remove oil piping Remove motor Preak chain Inbolt/remove GB Ret/bolt/align GB Reinstall motor Reinstall motor Reinstall chain Restall chain Restall chain Restall chain Restall guards Restall guards Restall GB with oil Restall GB with oil Restall GB with oil	ng	ateria	Craft GMM GMM GMM GMM GMM GMM GMM GMM GMM GM	4 2 2 1 2 4 2 4 2 1 1 1 2 2 2 1 2 0 0 0 1 5	2.5 .5 1 .25 1 .5 .5 .5 .5 .25 .5 .25 .5 .25 .25	ated Hours
ock out equipment Remove oil piping Remove motor Preak chain Inbolt/remove GB Ret/bolt/align GB Reinstall motor Reinstall motor Reinstall chain Restall chain Restall chain Restall chain Restall guards Restall guards Restall GB with oil Restall GB with oil Restall GB with oil	ng		GMM GMM GMM GMM GMM GMM GMM GMM GMM GMM	4 2 2 1 2 4 2 4 2 1 1 1 2 2 2 1 2 0 0 0 1 5	2.5 .5 1 .25 1 .5 .5 .5 .5 .25 .5 .25 .5 .25 .25	Ited Hours
emove oil piping emove motor reak chain Inbolt/remove GB et/bolt/align GB einstall motor ighten v-belts astall chain astall chain astall oil pump and pipin astall guards ill GB with oil inergize and test	M		GMM GMM GMM GMM GMM GMM GMM GMM GMM GMM	2 2 1 2 4 2 4 2 1 1 1 2 2 2 1 2 0 0 1 0 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	.5 1 .25 1 .5 .5 .5 .5 .25 .5 .25 .5 .25 .25	
Pemove motor Preak chain Inbolt/remove GB Peinstall motor Tighten v-belts Install chain Install oil pump and pipin Install guards Till GB with oil Thergize and test	M		GMM GMM GMM GMM GMM GMM GMM GMM GMM Total Ho	2 1 2 4 2 1 1 1 2 2 2 1 2 0 0 1 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0	1 .25 1 .5 .5 .5 .5 .5 .5 .5 .5 .5 .25 .5 .25	
reak chain Inbolt/remove GB et/bolt/align GB einstall motor ighten v-belts istall chain istall oil pump and pipir istall guards ill GB with oil inergize and test	M		GMM GMM GMM GMM GMM GMM GMM GMM Total Ho	1 2 4 2 1 1 1 2 2 2 1 2 0 1 2 0 0	.25 1 .5 .5 .5 .25 .5 .5 .25 .5 .25 .25	
Inbolt/remove GB et/bolt/align GB einstall motor ighten v-belts astall chain astall oil pump and pipir astall guards ill GB with oil inergize and test	M		GMM GMM GMM GMM GMM GMM GMM Total Ho	2 4 2 1 1 1 2 2 2 1 2 0 0 0 0 0 0 0	1 .5 .5 .5 .25 .5 .25 .5 .5 .25 .25	
et/bolt/align GB Peinstall motor ighten v-belts Install chain Install oil pump and pipir Install guards ill GB with oil Inergize and test	M		GMM GMM GMM GMM GMM GMM GMM Total Ho	4 2 1 1 2 2 2 1 2 0 0 0 0 0 0 0 0 0 0 0 0	.5 .5 .25 .5 .25 .5 .25 .5 .25	
Peinstall motor ighten v-belts Install chain Install oil pump and pipir Install guards ill GB with oil Inergize and test	M		GMM GMM GMM GMM GMM GMM Total Ho	2 1 1 2 2 1 5 0 0 1 5 0 0 1	.5 .5 .25 .5 .25 .5 .5 .25 .25	
ighten v-belts Install chain Install oil pump and pipin Install guards Ill GB with oil Inergize and test	M		GMM GMM GMM GMM GMM Total Ho	1 1 1 2 2 2 1 50urs:	.5 .25 .5 .25 .5 .5 .25 .25	
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nstall oil pump and pipin Install guards ill GB with oil Inergize and test	M		GMM GMM GMM Total Ho	1 2 2 1 5 0 0 0 1	.5 .25 .5 .25	
nstall guards ill GB with oil inergize and test	M		GMM GMM GMM Total Ho	2 2 1 Durs:	.25 .5 .25	
ill GB with oil inergize and test			GMM GMM Total Ho	2 1 Durs:	.5 .25	
nergize and test			GMM Total Ho	1 Durs:	.25	
·			Total Ho	ours:		
Material Data/Catalog					0.5	
Material Data/Catalog						
Material Data/Catalog						Sloc
Material Data/Catalog # or Description		Quantity/ Unit of Measure (UOM)		Price	Required Date	(storage location)
Gearbox		`	1	50,000		
G1 2050, 5" Bore STD key				250		
15 gal oil				100		
Shim stock available				25		
hain lube				5		
			equireme	ents		
Space			R	espirator		
Removal	Oth	er				
S:						
	· · ·	11 ( 4		<u> </u>		
		iter, la	ser alignn	nent, assorted	a nana toois for	piping and
	duction	nooto "	fork lift			
ine, laser alignment, in	iduction h	ieater,	IOIK IIIT			
Notos						
INDIES						
	earbox 1 2050, 5" Bore STD k 5 gal oil nim stock available hain lube Confined Space Asbestos Removal S: eded ane, 10 ton lifting strap wrench, hammer inductor, 1-1/4 combo wreint	earbox 1 2050, 5" Bore STD key 5 gal oil mim stock available hain lube Sat Confined Hot Space Wo Asbestos Oth Removal Oth s: eded ane, 10 ton lifting straps, eye bo wrench, hammer induction head otor, 1-1/4 combo wrench t ne, laser alignment, induction head	earbox 1 2050, 5" Bore STD key 5 gal oil mim stock available hain lube Tota Tota Safety R Confined Hot Space Work Asbestos Other Removal Other S: eded ane, 10 ton lifting straps, eye bolts (4, wrench, hammer induction heater, la btor, 1-1/4 combo wrench t ne, laser alignment, induction heater,	earbox 1 1 2050, 5" Bore STD key 5 gal oil him stock available hain lube Total \$: Safety Requirement Confined Hot R Space Work R Asbestos Other S: Confined Space Other Asbestos Removal Other S: Confined Space Nork A Space Nor	earbox   1   50,000     1 2050, 5" Bore STD key   250     5 gal oil   100     nim stock available   25     hain lube   5     Total \$:   \$50,380     Safety Requirements     Confined   Hot     Space   Work     Asbestos   Other     S:   Other     s:	earbox 1 50,000   1 250 250   5 gal oil 100   nim stock available 25   hain lube 5   Total \$: \$50,380   Safety Requirements   Confined Hot   Space Work   Asbestos Other   Stated Other