

DESCRIPTION:	Mechanical – ST039 Grit Classifier – Inspection and Service	FREQUENCY:	
LOCATION:		STANDARD JOB No.:	

	SCOPE
	Complete inspection and service of Bundamba Grit Classifier (including grit washer/classifier and conveyor). Applies to Simeco grit washer classifier.
	REQUIREMENTS
	Before isolating any equipment, where possible observe in running condition. Check for unusual sounds, vibration, leaks.
	*Equivalents can be used but must be documented for future use. This is to avoid the use of multiple lubricants in application.
	REFERENCE MATERIAL
	Simeco Engineering - Operation and Maintenance Manual SGW Grit Washer
	MATERIALS
	Teflon Spout
	INTERMEDIATE SERVICE
	<u>Grit Washer/Classifier:</u>
	Check oil level – gear motor unit (agitator drive). Visually check condition of oil
	Replace oil – gear motor unit (agitator drive). Visually check condition of old oil. Use manufacturer recommended or equivalent*
	Open inspection cover to visually check condition of agitator (stirrer)
	Check function of wash system
	Visually check condition of pipework
	Check tightness of bolts & connections
	<u>Grit Washer/Classifier Conveyor:</u>
	Check oil level – gear motor unit (conveyor drive). Visually check condition of oil
	Replace oil – conveyor gear motor unit. Visually check condition of old oil. Use manufacturer recommended or equivalent*
	Remove and inspect screw for wear & tear
	Remove conveyor bottom support centre plate and inspect all internal components for wear & tear
	Replace the Teflon spout in the bottom support
	Check tightness of bolts & connections