

Preventative Maintenance STX-Series / STR-Series

Maintenance protocol number	PM
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unit		
serial		
options:	CO2	
<small>if appropriate mark it</small>	O2	
	N2	
	Steam injection	
	Shaker	
	Barcode reader	
maintenance contract	PM	
<small>if appropriate mark it</small>	CS	

current climate values	
Temp. Display	°C
RH Display	%
KTY Display	°C
1st Gassing	%
2nd Gassing	%
3rd Gassing	%

(readings)

Date	
Service Engineer	

plain writing

comments	
<small>e.g. special cleaning agents (disinfectant)</small>	

		Inspection	Cleaning	Lubrication and parts swap	Adjustment	done
Lift assembly	Components					
	Rails	X	X	X		
	Rack rail	X	X			
	Bearings	X	X			
	Lift gear	X	X	X		
	Tension test	X				
	Test wire harness connections	X	X			
	Sensors and switches	X				
Turn assembly	Components					
	Belt	X	X			
	Bearings	X	X			
	Tension test	X				
	Test wire harness connections	X	X			
	Sensors and switches	X				

Preventative Maintenance STX-/STR-Series

Form 603112002
Version A
Author AMo



		Inspection	Cleaning	Lubrication and parts swap	Adjustment	done
Shaker assembly	Components					
	Belt	X	X			
	Bearings	X	X	X		
	Excenders	X	X			
	Flexure blocks	X				
	Top support	X	X			
Turn Table assembly	Components					
	Rollers / Drive roller	X	X			
	Bearings	X	X			
	Cassette positioning rails	X	X			
	Tension test	X				
	Test wire harness connections	X	X			
	Sensors and switches	X				
Shovel assembly	Components					
	Bearings	X	X	X		
	Assembly plate detection	X	X			
	Tension test	X				
	Test wire harness connections	X	X			
	Sensors and switches	X				
Transfer station	Components					
	Rails	X	X	X		
	Belt	X	X			
	Bearings	X	X			
	Test wire harness connections	X	X			
	Sensors and switches	X				
Gate	Components					
	Seal	X	X			
	Test wire harness connections	X				
	Sensors and switches	X				
Gassing	Components					
	__CO2 / __N2 / __O2					
	Flow rate / pressure	X				
	Filter	X				
	Sensor	X				
	CO2 Level: _____ (e.g. 5.0%)	X				

Reviewed by	PGs	Signed-off by	SEn	Changes	Aktualisiert und im QMS eingepflegt	Pred.	A
File:	603112002 Preventative Maintenance STX STR	Page	2	Pages	4	Effective Date	29.11.22

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Form 603112002
Version A
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		Inspection	Cleaning	Lubrication and parts swap	Adjustment	done
Chamber climate	Components					
	Hygro-Sensor	X				
	Heating system	X				
	Cooling system	X	X			
	Steam pump	X				
	Temperature: _ _ _ _ _ (e.g. 37.0°C)	X				
	Humidity: _ _ _ _ _ (e.g. 95.0%)	X				
	water level sensor	X				
Fans	Components					
	Mounting	X				
	Internal flow	X				
Barcode-reader	Components					
	Barcode reader	X	X			
Electronics	Components					
	Display temp.&rH	X				
	Display 1 st gassing option	X				
	Display 2 nd gassing option	X				
	Display KTY temp.	X				
	24 Volt power supply	X				
	PLC module	X				
	Circuit boards	X				
	Wire harness connections	X				
	plugs and switches	X				
Overall unit	Components					
	Leveling	X				
	Outer door	X	X			
	Inner door	X	X			
	Gaskets	X	X			
	Door sensors	X				
	Door latch	X	X			
Cassettes	Components					
	Rails (left and right)	X				
	Base assembly	X				

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Form 603112002
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		Inspection	Cleaning	Lubrication and parts swap	Adjustment	done
Testing Unit	Components					
	Mechanical alignments (e.g. DM20)	X				
	Pitch, clearances	X				
	Firmware Update (If settings have been changed)					
Test report number: -----	Full test report load & unload plates	X				
	New prev. maintenance label	X				

Parts were checked and replaced if necessary.

Service Engineer
(Signature)

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