

Field Service Bulletin

FSB_SEMI_PM_2024_01

Rev C

2024 0212

Subject: Preventive Maintenance Schedule and Parts List
Products: AMC SAM system
Model: SAM-S, SAM-C, SI-3401, SI-9210, SI-5450
Hardware Rev: 2021, 2022, 2023 - hardware
PM Routine: Please find the attached PM schedule for details.

Preventive Maintenance Schedule:

Picarro SAM-C System

Part #	Items	Action	Frequency	Qty needed per PM
S3064	PUMP, VACUUM, 120L/MIN, 230VAC	Replace	1 Year	2
S2250	FILTER, 0.2UM PTFE, Sampler Module	Replace	6 Months	1
S3079	FAN ASSY KIT, CHASSIS, 80mm, SAM	Replace	2 Years	9
S3080	FAN ASSY KIT, CHASSIS, 120mm, SAM	Replace	2 Years	8
S3153	PAIAC FILTER ASSEMBLY	Replace	6 Months	2

Picarro SAM-S System

Part #	Items	Action	Frequency	Qty needed per PM
S3064	PUMP, VACUUM, 120L/MIN, 230VAC	Replace	1 Year	1
S2250	FILTER, 0.2UM PTFE, Sampler Module	Replace	6 Months	1
S3079	FAN ASSY KIT, CHASSIS, 80mm, SAM	Replace	2 Years	7
S3080	FAN ASSY KIT, CHASSIS, 120mm, SAM	Replace	2 Years	3
S3062	UPS Battery Cartridge	Replace	5 Years	1
S3153	PAIAC FILTER ASSEMBLY	Replace	6 Months	2

Picarro SI-3401 Analyzer

Part #	Items	Action	Frequency	Qty needed per PM
S2179	Particulate Filter PM Kit, SI2XXX, Analyzer	Replace	6 Months	1
S3056	2 YEAR PM KIT, SI3401, DUAL CAVITY ANALYZER	Replace	2 Years	1
S2009	PUMP Service Kit, Diaphragm Rebuild, A2000 & S2235, SIXXXX & PIXXXX	Rebuild	2 Years	1
A2000	External Pump for G2xxx, L2XXX, and SI2xxx Analyzers, A0211 and A0314	Replace	5 Years	1

Picarro SI-9210 Analyzer

Part #	Items	Action	Frequency	Qty needed per PM
S2179	Particulate Filter PM Kit, SI2XXX, Analyzer	Replace	6 Months	1
S2178	2 Year PM Kit, Rev C Hardware, SIXXXX, Analyzer	Replace	2 Years	1
S2009	PUMP Service Kit, Diaphragm Rebuild, A2000 & S2235, SIXXXX & PIXXXX	Rebuild	2 Years	1
A2000	External Pump for G2xxx, L2XXX, and SI2xxx Analyzers, A0211 and A0314	Replace	5 Years	1

Picarro SI-5450 Analyzer

Part #	Items	Action	Frequency	Qty needed per PM
S2179	Particulate Filter PM Kit, SI2XXX, Analyzer	Replace	6 Months	2
S2009	PUMP Service Kit, Diaphragm Rebuild, A2000 & S2235, SIXXXX & PIXXXX	Rebuild	2 Years	1
A2000	External Pump for G2xxx, L2XXX, and SI2xxx Analyzers, A0211 and A0314	Replace	5 Years	1
S3181	2-YEAR PM KIT, SI5450, SO2 ANALYZER	Replace	2 Years	1

Note: S2179 filter (2Qty) in SI5450 is used for Sample Inlet and Pressure Box

Required Action by Partners / Operations team:

Picarro Service team requests service partners to communicate with customers with Preventive Maintenance schedule and follow-up accordingly for any PM service request. By performing preventive maintenance as per the schedule substantially extend the life and enhance the performance of Picarro Analyzer.