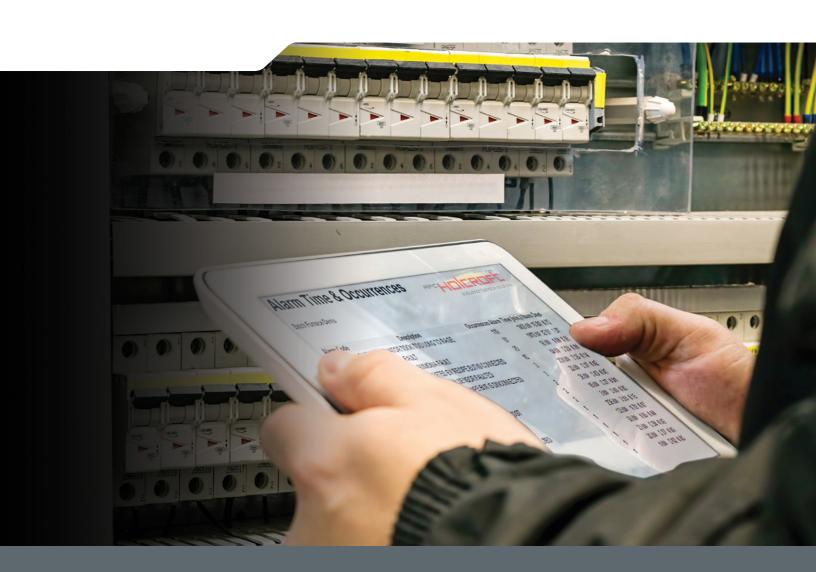


Remote Diagnostics™

Computerized Maintenance Management System





IMPROVE UPTIME BY TARGETING DOWNTIME

AFC-Holcroft's Remote Diagnostics™ service is just one of our many Computerized Maintenance Management Systems designed to increase furnace uptime and productivity through analysis of and reaction to equipment performance data. This data is gathered from the equipment's PLC, allowing the operator and AFC-Holcroft to interrogate participating furnace equipment's data. By examining machine data, AFC-Holcroft furnace experts can diagnose recurring issues and recommend corrective actions. Through this process, AFC-Holcroft can help customers target the most common causes of unplanned downtime and take steps to remedy them. Real, data driven Reliability and Maintainability information supports continuous improvement efforts which may lead to process and product advancements.

Remote Diagnostics Service Package Includes:

- Data acquisition and analysis by AFC-Holcroft's multi-disciplined team
- Web conference between customer and AFC-Holcroft to share findings
- Summary of findings provided in a written report with OEM recommendations and improvements

Event Time & Occurrences					
Site: site_certified_ubq Dates: November 1 - November 30 Filters: exclude_alarms_during_burnout, exclude_alarms_during_manual_mode, exclude_alarms_with_null_end_times					
Code	Description	Occurrences Event	Time (min.)	Hours	Days
4044 QUENCH COMPL	ETE EITHER RELOAD VESTIBULE OR NO TRAY TO RELO	OAD 75	2843.00	47.38	1.97
4164 ►EVENT QUENCH RECIPE COMPLETE		64	980.00	16.33	0.68
4010 TOP COOL ENDO FLOW LOW		15	1432.00	23.87	0.99
4066 FURNACE CARBON DEVIATION		12	648.00	10.80	0.45
4161 ►EVENT FURNACE IN AUTO MODE		9	25975.00	432.92	18.04
4003 ATMOSPHERE OFF		5	392.00	6.53	0.27
4004 FURNACE ENDO FLOW DEVIATION FROM SETPOINT		4	213.00	3.55	0.15
4001 VESTIBULE DOOR PILOT OUT		4	5.00	0.08	0.00
4040 TRAY TOO LONG IN FURNACE AFTER RECIPE COMPLETE		3	25.00	0.42	0.02
4006 NITROGEN PRESSURE LOW		1	6426.00	107.10	4.46
4019 QUENCH OIL LEV	/EL TOO LOW FOR TRAY TRANSFER	1	154.00	2.57	0.11
4000 BURNER MAIN G	AS OFF	1	39.00	0.65	0.03
Data rows: 12					

Remote Diagnostics can be added to existing installations as an Aftermarket service. Contact AFC-Holcroft's Parts and Service Team for details. Phone +1 (248) 624-8191 or spareparts@afc-holcroft.com

AFC-Holcroft Asian Operations

Unit 1912-1913. Founder Tower