

SJJ System Services Ltd

Visit Report Sheet (chamber page)

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VISIT CODE: V2252	TYPE: Repair & Service	PROVISIONAL DATE: 19 April 2021
M/CONTRACT CODE:	CUSTOMER ORDER REF: 131749	SCHEDULED START: 20 Apr 2021 7:30 am
SITE: Riley Industries Limited	CUSTOMER: Riley Industries Limited	ARRIVED ON SITE: 23 Apr 2021 - 09:46
ADDRESS: Redhouse Industrial Estate Middlemore Lane West Aldridge Walsall WS9 8BG	ADDRESS: Redhouse Industrial Estate Middlemore Lane West Aldridge Walsall WS9 8BG	COMPLETION TIME: 26 Apr 2021 - 14:50
PHONE: +44 (0) 1922 45 8000	PHONE: +44 (0) 1922 45 8000	ASSIGNED PERSONNEL
CONTACT: Paul Mclaughlin	CONTACT: (N/A)	Steve Jones Tony Mabbitt

CHAMBER: Thermotron SM16CE - Temperature Humidity Test Chamber	DATE INSTALLED:
SERIAL NUMBER: 21832	WARRANTY PERIOD: (N/A)
LOCATION: 1995 manuf	WARRANTY EXPIRY:
<input checked="" type="checkbox"/> Electronic Refrigerant Leak Check <input type="checkbox"/> Calibration Check <input checked="" type="checkbox"/> Check safety circuits/alarms <input checked="" type="checkbox"/> R23 Static 7.7 (Bar) Standing Pressure stage 2 <input checked="" type="checkbox"/> Chamber Fan 1.5 (Amps) Current reading of chamber fan motor 1 <input checked="" type="checkbox"/> Chamber Fan 1.6 (Amps) Current reading of chamber fan motor 2 <input checked="" type="checkbox"/> Cond Fan 2.2 (Amps) Current reading of condenser fan motor <input checked="" type="checkbox"/> Cond Fan cleaned (Clean) brush clean cond De sup coils <input checked="" type="checkbox"/> Desup Fan n/a (Amps) Current reading of de super heat fan <input checked="" type="checkbox"/> Comp St 1 3.1 (Amps) Current reading of stage 1 compressor <input checked="" type="checkbox"/> Comp St 2 4.5 (Amps) Current reading of stage 2 compressor <input checked="" type="checkbox"/> Heaters Temp 9.6 (Amps) Current reading of temperature heater circuits <input checked="" type="checkbox"/> Heaters Hum u.s. (Amps) Current reading of Humidity heater circuits <input checked="" type="checkbox"/> Heaters Door n/a (Amps) Current reading of door/facia heaters <input checked="" type="checkbox"/> HP/LP St 1 23 0 (Bar) Pressure switch settings stage 1 <input checked="" type="checkbox"/> HP/LP St 2 23 0 (Bar) Pressure switch settings stage 2 <input checked="" type="checkbox"/> HP2 n/a (Bar) Pressure switch setting stage 2 Control <input checked="" type="checkbox"/> Refrigerant R404A R23 (Type) Refrigerant Type <input checked="" type="checkbox"/> Quantity 2.5,0.685 (KG) Refrigerant quantity <input checked="" type="checkbox"/> CO2 9.8,10.14 (Tonnes) Total GWP Value	

CHAMBER NOTES (PROBLEMS)	COMMON FAULT: (N/A)	SPECIAL INSTRUCTIONS FOR SITE

CHAMBER REMARKS
Both systems had no refrigerant, pressure tested with ofn, both systems tight, left on pressure test overnight. Evacuated both systems overnight and recharged, evidence of moisture ingress on the electrical chassis, both condenser fans were seized up, managed to free them up and run on test. System only reaches -45c. Run on test and found that the humidity heater is u.s., also the water pump so unable to test the humidity system. Condenser/desuper heater is in poor condition, electrical chassis is not in the best condition either. Chamber running ok at the moment, temperature only