

Inspection Details

Customer Name:	Sita UK Ltd
Customer Location:	Marlborough Road, Wrexham LL13 9RJ
Plant Reference:	Main Filter
Membership No:	N/A
Date:	Jul 24, 2014
Inspected By:	Rob Main
Order No:	TBC

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1) Enclosure & Ducting

Satisfactory working condition?	Yes
Brief Comment:	No Faults found

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2) Cleaning System

Satisfactory working condition?	No
Brief Comment:	Solenoid fault

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3) Seals, Clamps & Unions

Satisfactory working condition?	Yes
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4) Filter Elements

Satisfactory working condition?	Yes
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6) Other

Satisfactory working condition?	No
Brief Comment:	The cleaning system differential display transmitter is faulty.

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5) Filter Internal Cages

Satisfactory working condition?	Yes
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7) Differential Pressure

Clean side pressure:	13"WG
Dirty side pressure:	5.6"WG
Differential pressure:	7.5"WG

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Summary of Faults & Recommendations

Item:	2 & 6
Details of Defects:	We discovered that No 12 valve did not activate, this was due to the plunger sticking within the valve.
	We also identified that many of the valve

couplings were passing air due to poor alignment, also Atmospheric air is being drawn into the clean side chamber via the down-let pipe orifice.

Recommendations:

The differential transmitter is not working. Remove the old solenoid plunger and replace with new.

The valves pulse 1 through 24 in that order. This order is fine however to assist with better intake flows and balanced cake release we staggered pulse, 1..4..7 etc.

Adjust the coupling alignment to prevent air loss, currently the supply of a compressed pulsed air is reduced due to the leaks found ethics can result in poor cleaning and premature blinding.

Remove old sealant and reseal the valve down-let pipe orifice to prevent secondary atmospheric air being drawn into the clean side chamber, secondary cooler air being drawn in to the filter could lead corrosion, fugitive emission and premature bag fallers.

It was reported that a new Differential pressure transmitter was ordered from France, we recommend that this system is fitted and calibrated along side a manual differential pressure test.
High

Priority:
Picture Evidence:



Inspectors Comments

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Once the recommendations have be actioned this unit will be in a satisfactory condition.

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