

GE Mining
Industrea

BULLETIN 30137

INLET MANIFOLD MINIMUM DIMENSION REVISION

Prepared for: Industry

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Title: Inlet manifold minimum dimension revision

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Client: Industry

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Client Reference: MDR 114056 DES

GE Industrea Reference: GE Engineering report 30115

Synopsis: A number of examples of the inlet manifold for the MWM engine have found to be non-conforming to the registration drawing for minimum distance from bolt head hole to inlet port.

An under-dimensioned example was investigated, tested and found to be fit for purpose.

1.1 Revision / Checking History

REVISION NUMBER	Author	Checked by		Product Manager		Authorised	
A	T Horstmann	TRM	<i>J.M.</i>	TH	<i>[Signature]</i>	TRM	<i>J.M.</i>

1.2 Distribution

DESTINATION	1.2.1.1 REVISION NUMBER									
	A	B	C	D	E	F	G	H	I	J
GE Industrea	1									
GE Library										
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NSW Inspectorate for distribution	1									
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Machine owners	1									

BULLETIN Inlet manifold minimum dimension revision

Background:

During routine inspections within the manufacturing facility of GE Industrea, the flanges on the intake manifold were found not to be within the requirements of the MDR approval drawings. The GE engineering department has carried out testing to quantify that the manifolds are serviceable in their current state.

The intake manifold used on the MWM Engine System is approved for use in underground coal mines. This part is modified by the addition of a flange for the intake flame-trap housing. A 'Code D' inspection as per AS3584.2 (registration drawing 7-054496-700), is then performed. No failures of the joint in its current form have been observed in the area in question.



Communication:

An amendment detailing the change dimension to the MDR approval (MDR 114056-4) has been re-submitted to the NSW Mines department to re-issue the registration notice on the MWM engine. This will detail the revised minimum distance between the bolt hole edge and inlet port.

All current MWM engines that have been released under MDR 114056 DES have been assessed by GE Engineering and are considered acceptable to the OEM and do not pose any risk.

No action is required on any GE Industrea, MWM engine powered machines.

For any further information on this communication, please contact GE Industrea through any of our below contact numbers

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