

FIRST ARTICLE INSPECTION REPORT

- PRODUCTION PART APPROVAL PROCESS -

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FAI documentation shall be sent to Supplier.Quality@BergenEngines.com for approval before parts can be delivered.

Change History

Revision	Date	Description of Change	Approved by

A Completion by Supplier				
Supplier Name				
Vendor Code				
BEAS Part Number				
BEAS Part Description				
Finished Part, Raw Material, Pattern or Forging Die				
Purchasing Order Number				
Drawing/Part Number			Issue/Revision	
Unique Identity of Part Selected for FAI				
Quantity on Purchasing Order				
BEAS Specifications/Quality Plans Applicable				
Has this part (or a similar part) been produced before by the supplier, or is this a new part				
If this item is part of an assembly which is also the responsibility of the same supplier, the relevant drawing/part numbers are to be stated for cross reference				
<p>I, as the supplier quality representative, hereby certify that this report of FAI-22-000 demonstrates conformance of product to all BEAS requirements, and that the information is a true record of the production method.</p>				
Date		Signed		Name/ Position

B Completion by the Supplier Inspector				
<p>Certified that FAIR has been completed and found to be... (TICK where applicable)</p>				
SATISFACTORY		<input type="checkbox"/>	UNSATISFACTORY	
Date		Signed		Name/ Position

C	Completion by Bergen Engines Quality & Technical Representative(s) (where applicable)
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FAIR Accepted - initial release for issue to BEAS (Sections A to I Inclusive Completed)	<input type="checkbox"/>
FAIR Rejected - to be reworked by supplier to agreed concession procedures (Refer to Section J)	<input type="checkbox"/>

Note: Final Release is made when Section K has been completed by the BEAS end user. See Section 'J' for Remarks regarding this FAI.

Date		Signed by BEAS Quality Rep.		Name	
Date		Signed by BEAS Tech. Rep.		Name/ Position	
Date		Signed by BEAS Tech. Rep.		Name/ Position	

D	Compliance with Drawing Dimensions
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To be completed by the Supplier Inspector prior to the visit by BEAS Representatives who will then verify the results where possible.

Drawing Number		Issue/Revision	
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There are two acceptable methods of recording the actual sizes measured,

- either use the chart below (or a standard chart providing the content is the same) with additional sheets as required,
- or use a copy of the drawing and write on the actual sizes adjacent to the drawing size.

Non-conformance/errors/concessed dimensions should be highlighted with colour. Where possible, dimensions should be checked on CMM with the printout attached to this form.

Feature & Drawing Grid Ref. w/Drw Dim.+Tol.	Measured Results Actual Size	Remarks

E	Supplier Concessions and Internal Non-conformances
Supplier to state the history of any problem associated with the item that is the subject of this FAI	
CONCESSIONS (where applicable, must be approved by BEAS prior to the FAI)	
INTERNAL NON-CONFORMANCES (where applicable)	

F	Non-Destructive Tests (NDT)
NDT requirements to be listed as required on the drawing or relevant specifications (e.g. crack detecting methods, hydraulic testing etc.)	
Carried Out by Supplier or Approved Sub-Tier	
Certificate Details	
Operator(s) Name and NDT Qualifications Where Applicable	
Equipment - Verify within Stated Calibration Period	

G Processes (where applicable)

This section to cover heat treatment, plating, shot peening etc. applicable to the item

	Process Type	Specification (BEAS or International)	Source (Self or Supplier Name)	Test Piece Result (Hardness check etc. where applicable)
1				
2				
3				
4				
5				
6				

H Raw Material - Used to manufacture item.

Material type (Cast/Forged/Wrought)	
Unique Number (Cast No., if applicable)	
Source Suppliers Name. (State type - Melters, stockist or other.)	
BEAS Specifications Applicable	
International Specifications Applicable	
Certificate Number	
Copy of Certificate Reviewed	
NDT Requirements - List and verify that this is covered by certificate.	Certificate Accepted <input type="checkbox"/> Certificate Rejected <input type="checkbox"/>

I Identification, Presentation, Preservation & Packing

Check that the following conforms to the requirements of BEAS specifications applicable

Subject Description Plus Relevant Specification	Verified by Supplier	Verified by BEAS Quality Rep.
Identification/Marking		
Marking method - is marking area and method specified by BEAS?		
Presentation of item - deburred/free from damage/fit for purpose		
Cleaning procedures		
Preservation - corrosion protection		
Cure dates applicable? - rubber components etc.		
Packing procedures - destination of item: BEAS facility or customer?		

J	BEAS Remarks
<p>To be completed by BEAS Representative(s) present at the FAI. The objective is to state areas for improvement and for positive comments where applicable</p>	

FINAL BEAS Release Actions

K	Release by BEAS End User (where applicable)				
<p>This section does not apply when items are supplied directly to the customer. Completion of the remarks section below is particularly important when raw castings/forgings are being supplied for machining within BEAS (or by another supplier). Feedback in this situation is essential for continuous improvement.</p>					
Release for Use on BEAS Products			<input type="checkbox"/>		
Rejected (To be returned to supplier using PIR forms)			<input type="checkbox"/>		
Remarks (Can the product be improved?)					
Date		Signed		Name/ Position	

L	Final Release by BEAS				
<p>To be completed by BEAS Quality Representative</p>					
Final Release Accepted for Use on BEAS Products			<input type="checkbox"/>		
Rejected Without Further Actions			<input type="checkbox"/>		
Rejected With Actions Specified in Section J			<input type="checkbox"/>		
Date		Signed		Name/ Position	