















155MM/45CAL ELECTRONICALLY UPGRADED GUN SYSTEM "DHANUSH"

QUALITY ASSURANCE PLAN/ACCEPTANCE TEST PROCEDURE OF EXHAUST HOSE (1135600)

GOVERNMENT OF INDIA, MINISTRY OF DEFENCE ORDNANCE FACTORY BOARD GUN CARRIAGE FACTORY JABALPUR (M.P) 482011

QAP NO-GCF/QC/100/QAP/155MM/45CAL/DHANUSH/EXHAUST HOSE

इस दस्तावे जमें दीगई खुबना कहीं 'और छापना अथवा प्रत्यक्ष या अप्रत्यक्ष रूप से पेरामें होगई स्थान करी 'और छापना अथवा प्रत्यक्ष या अप्रत्यक्ष रूप में होगई होगिए। प्रमाण होश्राण होश्याण होश्राण होश्राण होश्राण होश्राण होश्राण होश्राण होश्याण होश्राण होश्याण होश्राण होश्राण होश्राण होश्याण होश्या



QUALITY ASSURANCE PLAN/ACCEPTANCE TEST PROCEDURE OF FOR FOR 155 mm / 45 CAL DHANUSH

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QUALITY ASSURANCE PLAN/ACCEPTANCE TEST PROCEDURE OF EXHAUST HOSE (1135600)

REVIEWED BY

PREPARED BY

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APPROVED BY

(SANJAY SHRIVASTAVA) JT.GM/QC

RESTRICTED



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1. MATERIAL DETAILS:

S.N.	Material	
a) Chemical composition and mechanical properties are according to the given standar		
	And its Chemical composition and mechanical properties NABL accredited/Gov. approved lab reports for all items/components from which the same are manufactured/formed/integrated is to be attached herewith.	

2. **DIMENSIONS**:

Dimensions	Instrument to be used for measurement of dimension	Observed dimensions	Remark
All dimensions must compliance with drawing and should be in the tolerance limits.	General engineering instrument		
Note: i. General tolerance according to IS standard.			

3. PRACTICAL TRIAL WITH DHANUSH GUN SYSTEM (OR WITH ITS SUB-ASSY) AFTER THE SAID ITEM/COMPONENTS/SUB-ASSEMBLY RECEIVED AT GCF.

S.N	Remark to be filled by concerned section	Signature by concerned head of section

4. <u>LIST OF DOCUMENTS TO BE SUBMITTED BY FIRM ALONG WITH SUB ASSY/COMPONENT/ITEM:</u>

- a) Dimensional acceptance check sheet 100%.
- b) Chemical composition and mechanical properties NABL accredited/Gov. approved lab reports for all items/components from which the same are manufactured/formed/integrated.

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- c) Heat treatment NABL Accredited/Gov. approved report with specified hardness as mentioned in standard along with graph, representing HT cycle, if any.
- d) NABL / government approved NDT certificated report to be attached herewith, if the same test is mentioned.
- e) Surface treatment report, if any.
- f) Surface Coating conformation certificates for all sub-assy, if any.
- g) Fabrication report along with SR report, if any.
- h) Copies of invoice /Purchases order of all raw materials/Standard items pertaining to said item/components/sub-assy are to be attached herewith this QAP/ATP by the firm in hard copy.

5. IMPORTANT NOTES:

- a) Handling according to standard V6-1, if the same mentioned in the drawing.
- b) Use rust preventative (W11-217-1) after integration, location specified in drawing; if any.
- c) If any query arise pertaining to dimensions, standards (viz. mechanical properties, chemical composition, Heat treatment etc) or any other aspects which are mentioned in QAP/ATP but are mismatching with actual drawings/standards, then in this case the firm should intimate GCF with detail explanation and the commencement of bulk production only be make after receiving of proper clarification from GCF,Jabalpur.
- d) This Quality plan/Acceptance, after proper vetting by standard cell, should be issued to vendor along with supply order. Vetting by standard cell is to be done for checking whether any modification or amendment of material/drawing has been introduced in drawing within of action of procurement.
- e) Test piece of adequate size of any sub-assy may asked by the GCF for verification of its Chemical and mechanical properties.
- f) Final authority of acceptance is based on the Practical trial report.
- g) All necessary mark/punch/patter should be compliance with drawing, if any.

6. <u>LIST OF DOCUMENTS PROVIDED BY GCF TO FIRM ALONG WITH THIS QAP/ATP, ISENUMERATED BELOW:</u>

a) A copy of all relevant drawings under article no. 1135600

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