

AUTOMATIC CARTRIDGE CASE FILLING & CRIMPING MACHINE

- INPUT** SEMI-FINISHED SHELLS
- a) CARTRIDGE CASE NORMAL
(OD 38.20 - 38.40 mm, ID 36.30 - 0.10mm, Height 45 ± 0.20 mm)
SPACER NORMAL (OD 36-0.20mm, Height 14.5 ± 0.15 mm)
 - b) CARTRIDGE CASE ELECTRIC
(OD 38.20 - 38.40 mm, ID 36.30 - 0.10mm, Height 61.75 ± 0.20 mm)
SPACER ELECTRIC (OD 35.56 -0.25mm, Height 30.48 ± 0.25 mm)
 - c) HDPE Ring (OD 33mm to 35 mm, thickness 1 mm)

OUTPUT FINISHED SHELLS

RATE 500 NOS /HRS (MINIMUM)

PROCESS AS PER FLOW CHART AS PER **APPENDIX-'J-1'**

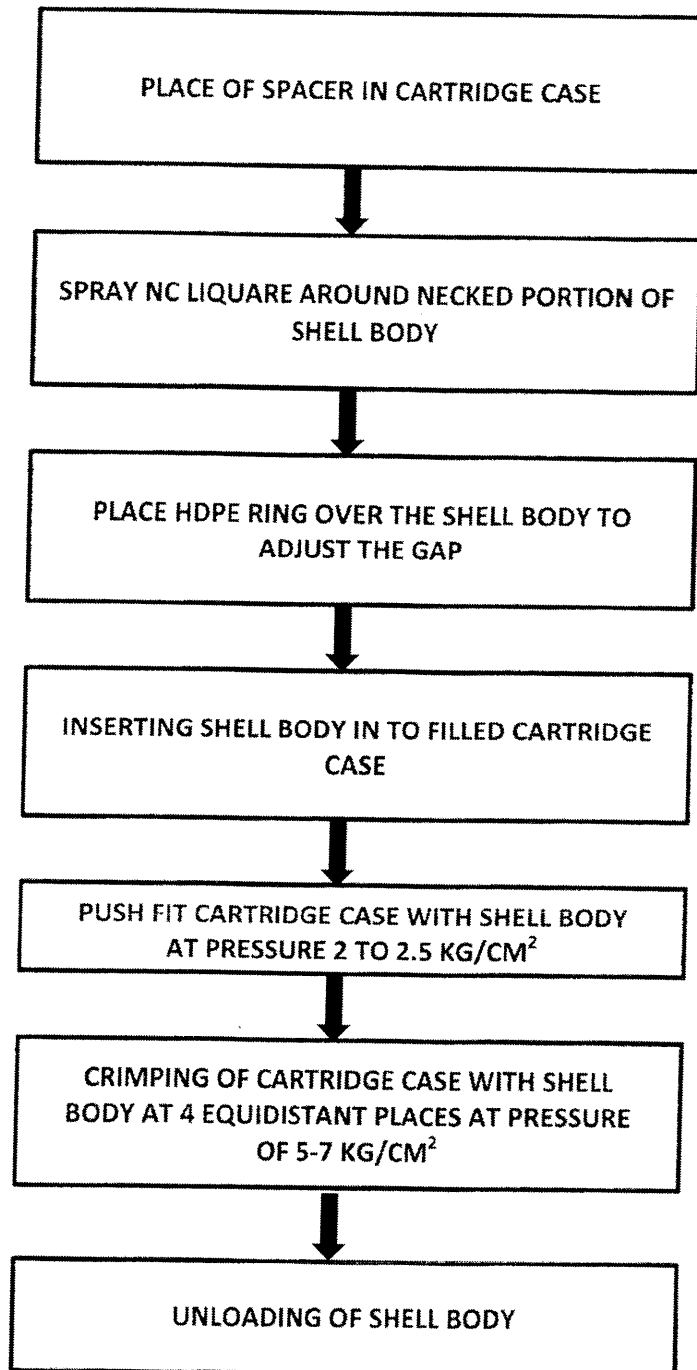
QUALITATIVE REQUIREMENTS

1)	ALL MOVING PARTS OF MACHINE SHOULD BE CORROSION RESISTANT, FLAME AND SPARK PROOF AND MADE OF ISI / CLASS APPROVED QUALITY MATERIAL
2)	MACHINE SHOULD HAVE EARTHED TO DISCHARGE STATIC CHARGE.
3)	IN CASE OF MALFUNCTIONING, THE MACHINE SHOULD HAVE AUTOMATIC TRIPPING SYSTEM AND WILL HAVE AUDIO AND VISUAL INDICATOR.
4)	ALL ELECTRIC EQUIPEMENTS / COMPONENTS FITTED IN THE MACHINE SHOULD BE OF REPUTED BRAND AND OF ISO CERTIFIED COMPANY.
5)	MACHINE WILL HAVE DIGITAL DISPLAY TO INDICATE NUMBER OF SHELLS PREPARED.
6)	MACHINE SHOULD WORK PREFERABLY ON PNEUMATIC BASE.
7)	TUBES CONNECTING THE MACHINE TO PNEUMATIC MACHINE SHOULD BE OF REQUISITE DIMENSIONS AND ISI MAKE.
8)	MACHINE WILL HAVE PROPER SAFEGUARDS FOR THE SAFETY OF THE OPERATOR.
9)	MACHINE SHOULD OPERATE PREFERABLY ON PLC CONTROL OF IEC-61131 STANDARD
10)	PELLETS FILLED ARE SOFT IN NATURE. ASSEMBLY SHOULD BE IN SUCH A MANNER THAT THESE PELLETS DO NOT BREAK

11)	MACHINE SHOULD BE ABLE TO OPERATE WITHIN OPERATING TEMPERATURE 25± 10° C AND OPERATING HUMIDITY 40+15%.
12)	MACHINE SHOULD HAVE FACILITY OF DETECTION OF OMISSION AND MALFUNCTIONING AT ANY STAGES OF PROCESS AND SHOULD HAVE FACILITY TO SEPARATE THE REJECTED/ DEFECTIVE HARD WARE.
13)	ALL ELECTRIC WIRING AND ELECTRICAL COMPONENTS SHOULD BE PROPERLY CASED AND FLAME PROOF AND EASILY ACCESSIBLE FOR REPAIR AND MAINTENANCES.
14)	MACHINE SHOULD BE COMPACT TO SAVE SPACE AND EASY TO ACCESS FOR REPAIR AND MAINTENANCES.
15)	BASIC STRUCTURE OF MACHINE SHOULD BE MADE OF ISI / CLASS APPROVED QUALITY METAL, RESISTANT TO CORROSION / RUSTING AND FLAME.
16)	USER MANUAL WITH REQUIRED ILLUSTRATIONS TO BE PROVIDED WITH MACHINE.
17)	INSTRUCTION ON REPAIR & MAINTENANCE TO BE PROVIDED WITH MACHINE.
18)	RUNNING SPARE PARTS WITH ILLUSTRATED LIST SHOULD BE PROVIDED WITH MACHINE.
19)	OPERATIONAL TRAINING SHOULD BE ARRANGED FOR 1 WEEKS FOR MINIMUM 15 PERS.
20)	REPAIR AND MAINTENANCE TRAINING SHOULD BE ARRANGED FOR 1 WEEKS FOR MINIMUM 10 PERS.
21)	SPECIFIC GAUGES AND MAINTENANCE TOOLS SHOULD BE PROVIDED WITH MACHINE.
22)	<u>GUARANTEE / WARRANTY:-</u> i) MACHINE SHOULD HAVE 2 YEARS GUARANTEE / WARRANTY AFTER COMMISSIONING. ii) PREVENTIVE MAINTENANCE ONCE IN 3 MONTH DURING GUARANTEE / WARRANTY PERIOD. iii) GUARANTEE/ WARRANTY WILL BE COMPREHENSIVE i.e INCLUSIVE OF SPARE PARTS.
23)	AMC PERIOD SHOULD BE 05 YEARS AFTER EXPIRY OF GUARANTEE / WARRANTY PERIOD.

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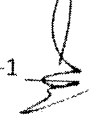
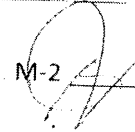
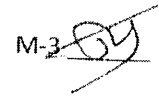
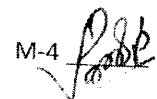
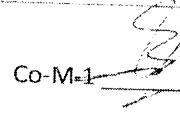
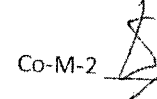
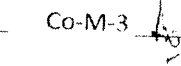
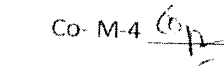
AUTOMATIC CARTRIDGE CASE FILLING OF CRIMPING MACHINE



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AUTOMATIC CARTRIDGE CASE FILLING & CRIMPING MACHINE

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1	ALL MOVING PARTS OF MACHINE SHOULD BE CORROSION RESISTANT, FLAME AND SPARK PROOF AND MADE OF ISI / CLASS APPROVED QUALITY MATERIAL	The firm should submit national / International accredited Lab test report for this aspect	
2	MACHINE SHOULD HAVE EARTHED TO DISCHARGE STATIC CHARGE.	Physical Verification by BOOs	
3	IN CASE OF MALFUNCTIONING. THE MACHINE SHOULD HAVE AUTOMATIC TRIPPING SYSTEM AND WILL HAVE AUDIO AND VISUAL INDICATOR.	The firm should submit national / International accredited Lab test report for this aspect & Physical Verification by BOOs	
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11	MACHINE SHOULD BE ABLE TO OPERATE WITHIN OPERATING TEMPERATURE $25 \pm 10^{\circ}C$ AND OPERATING HUMIDITY $40 \pm 15\%$.	Physical Verification by BOOs	
12	MACHINE SHOULD HAVE FACILITY OF DETECTION OF OMISSION AND MALFUNCTIONING AT ANY STAGES OF PROCESS AND SHOULD HAVE FACILITY TO SEPARATE THE REJECTED/ DEFECTIVE HARD WARE.	Physical Verification by BOOs	

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