



Lt Gen RS Reen  
DG QA

**DGQA NEWS LETTER - JAN 2024**  
(Oct to Dec 2023)

*From the Desk of DG QA*

<p><b><u>INSIDE</u></b></p> <p><b>Visits</b></p> <p><b>Tech activities/ achievements &amp; recent development</b></p> <p><b>Important Trials/ Tech Evaluations</b></p> <p><b>Welfare &amp; other activities</b></p> <p><b>Sports</b></p> <p><b>Retirements</b></p> <p><b>Obituary</b></p>	<p>1. It gives me immense joy in communicating with the DGQA fraternity through the medium of this News letter.</p> <p>2. A number of activities are being undertaken to review the status of reforms undertaken by the organisation to add more impetus to the current functioning, to facilitate Govt of India initiatives for “<b>Ease of doing Business and Atma Nirbharta</b>”. A standardization document named as ‘QMS manual’ in line with International Standard ISO 9001:2015 with relevant causes of ISO/IEC 17020:2012, 17024:2012, 17025:2017, 17050:2010 &amp; 17065:2012 dovetailed into it has been formulated, with an aim to ensure uniform QA procedure is followed by all QA Estts. A comprehensive policy framework document; “Quality &amp; Reliability Assurance Framework &amp; Procedure for Design, Development, Production &amp; Sustenance of Land System” has been prepared &amp; published as a JSG (JSG 0829:2023) through DoS.</p> <p>3. In order to streamline the existing QA procedure and ensure min time delay occurs, an SOP on virtual QA procedure has also been formulated. A Defence Industries QA Management Cell (DIQAMC) has been established at HQ DGQA to fast-track the resolution mechanism on delay in addressing QA issues raised by Defence Industries. Digital DGQA program has also been progressed and CFA sanction for procurements of ERP system has been accorded by DDP. Quality seminars were organized as a part of Quality Month Celebrations during Nov 2023, at 09 various locations across the country.</p> <p>4. On the training front, a lot of measures have been taken for elevating the status of DIQA, Bengaluru to a ‘<b>Centre of Excellence,</b>’ in the field of Quality Assurance and Management. DGQA has accordingly finalized MoU/Academic Agreement with IIT Hyderabad, and ISI Bengaluru, for conduct of specialized courses for DGQA officers, including Executive M Tech Program, Six Sigma Green Belts/Black Belt, Reliability Engg etc. DIQA has also conducted two courses on Certified Reliability Engineer, through IIT, Kharagpur. MoU/Academic Agreement between O P Jindal Global University, Haryana and DGQA has also been finalized for conduct of courses, related to leadership &amp; management, for DGQA officers.</p> <p>5. I pray to GOD ALMIGHTY to give us ‘Strength and Courage’ to perform our tasks with utmost wisdom, honesty &amp; integrity for the sake of our Armed Forces and He may shower us with happiness, solace and peace, in the times to come.</p> <p style="text-align: center;">Jai Hind!</p> <p style="text-align: right;"> (R S Reen) Lt Gen DG QA</p>
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## VISITS OF DG, DGQA

### 1. DQA (A).

#### SQAE (A) Kanpur



Lt Gen RS Reen, DG, DGQA is on technical discussion with officers of SQAE (A) Kanpur during visit on 14 Oct 2023.

### 2. DQA (L).

#### CQA (EW) Secunderabad



Lt Gen RS Reen, DG DGQA visited the CQA(EW) Secunderabad on 22 Dec 2023 to inaugurate the renovated SQA Lab.

3. DQA (N).

CQAE (N), Secunderabad



**Lt Gen RS Reen, DG, DGQA visited Synapes Cell (Remote Inspection Cell) of CQAE(N), Secunderabad on 12 Dec 2023**



**Lt Gen RS Reen, DG, DGQA Signed Visitor Register at CQAE(N), Secunderabad during visit.**

4. DQA (S)

CQA (T&C) Kanpur



**DG, DGQA visited Lab of CQA(T&C) Kanpur and inspected test equipments on 13 Oct 2023**



**DG, DGQA inspected test performance at CQA (T&C) Kanpur lab during visit.**

5. DQA (WP).

QAE (WE), Vadodara



**Lt Gen RS Reen, DG, DGQA visited QAE(WE), Vadodara on 14 Dec 23 as Chairman of West Zone QA-Conclave 2023**



**Group photos of Lt Gen RS Reen, DG, DGQA along with other Sr level Officers of DQA(WP) during West Zone QA-Conclave 2023**

## VISIT OF DIGNITARIES

### 6. DQA (M&E).

#### CQA (ME), Pune



**Maj Gen S Shrivastava, Addl DGQA(A), HQ, DGQA being welcomed to CQA(ME), Pune by Dr. R K Upadhyay, Controller on 28 Nov 2023**



**Maj Gen S Shrivastava, Addl DGQA(A), HQ, DGQA reviewed the role and functioning during visit to CQA(ME),Pune**

## VISITS OF ADGQA

7. DQA (L).

CQA (EW), Secunderabad



**Group Photo of officer & staff with Brig GS Grewal, Offg ADGQA (L) during visit of CQA (EW), Secunderabad.**

8. DQA (EE).

CQA (EE) Pune



**Shri RA Govardhan, ADGQA(V&EE) is being greeted by a Sr Officer of CQA(EE),Pune**

9. DQA (N).

CQAE (N), Secunderabad



**RAdm Ajay Patney, ADGQA(N) is seen in a group of Sr Officers during his visit to CQAE(N), Secunderabad on 10 -11 Oct 23**

10. DQA (CV).

CQA (ICV) Medak



**Shri K Parthiban, ADG QA (CV), Avadi is welcomed by secretary Women cell of CQA (ICV) during his visit on 24 Nov 2023.**

## **TECH ACTIVITIES / ACHIEVEMENTS & RECENT DEVELOPMENTS**

### **11. DQA (A).**

#### **(a) CQA (A), Khadki.**

(i) Drawings received from TBRL have been converted in line with CQA (A) format. DC was completed for sealing of the same. Further, Draft AMI for MMHG got approved and JSS is under preparation.

(ii) A meeting through VC was held on 11 Dec 2023 & 26 Dec 2023 in connection with finalization of ATP and way forward of conduct of PDI for homogenous Swarn Drone.

#### **(b) SQAE (A) Mumbai.**

(i) POI of Electronic Fuze Prox M180 Mode 3 Lot No 2023 03/007A/BEL and 2023 05/008A/BEL for 105mm Artillery Arnn was carried out at EEL, Nagpur from 29 Nov - 02 Dec 2023. In view of satisfactory Dynamic Proof results CQA (A) Kirkee has sentenced both the Lots 'Serviceable'. Accordingly, Inspection Note was issued to M/s BEL, Pune on 28 Dec 2023.

(ii) Rep of SQAE (A) attended Collegiate Meeting at ARDE, Pashan on 27 Nov 2023 on finalization and approval of FAT documents of Launcher and SCP of PINAKA Regt No 5-10.

#### **(c) SQAE (A) Ambajhari.**

##### **(i) QA Activities of the Estt.**

(aa) Preparation of ATPs. ATPs of following stores have been revised and jointly signed ATPs have been approved by CQA(A) till date:-

- (aaa) Slug rep Shell 155mm (BT).
- (aab) Slug rep Shell 155mm (BB).
- (aac) Proof Shot 155mm 77B.
- (aad) Dummy training charge.

##### **(ii) Recent Developments.**

(aa) Assembly and inspection of 102 sets (PF Lot No. 068R) & RHE 72 Nos (Lot No 014R) of Propulsion Unit (Empty) was carried out by OFAJ (As per QAP). SQAE (A), OFCH, OFI and OFAJ rep have jointly drawn 11 Nos samples of Lot No 068R & 08 Nos of Lot No 014R on 13 Oct 2023 (10% of samples including 01 No for burst test) for Quality Audit and found satisfactory. 102 sets (PF Lot No. 068R) & RHE 72 Nos (Lot No 014R) of Propulsion Unit (Empty) are cleared for further processing.

(ab) OFAJ submitted Lot No 066E OJ 11/23 of Slug Rep Shell 155mm ERFB (BT), Qty 205 Nos. QA of the same has been completed and I-Note has been issued on 13 Dec 2023.

**(d) SQAE (A) & LPR Khamaria.** Details of Quality Assurance activities carried out as are under:-

- |  |                        |
|--|------------------------|
| (i) FAI in PDI Model (FAI including packing) | - 51 Nos.              |
| (ii) Proof Activities (FAI in PDI Model)     | - 51 Nos.              |
| (iii) Proof Stock Comp (FAI)                 | - 04 Nos.              |
| (iv) Std (FAI) & Proof                       | - 08 Nos. &<br>02 Nos. |

**(e) SQAE (A), Medak.** Qty manufactured during the quarter from 01 Oct 2023 to 31 Dec 2023:-

- |                   |               |
|-------------------|---------------|
| (i) AAT           | - 16 Vehicle  |
| (ii) BMP-II (OE)  | - 07 Vehicles |
| (iii) BMP-IK (OE) | - 02 Vehicles |
| (iv) BMP-II (OH2) | - 03 Vehicles |
| (v) CMT           | - 01 Vehicle  |

**(f) SQAE (A) & LPR Khamaria.**

(i) Details of Quality Assurance activities carried out during the quarter.

- |   |           |
|---|-----------|
| (aa) FAI in PDI Model (FAI including packing) | - 46 Nos. |
| (ab) Proof Activities (FAI in PDI Model)      | - 46 Nos. |
| (ac) Proof Stock Comp (FAI)                   | -04 Nos.  |
| (ad) Std (FAI) & Proof                        | - 06 Nos. |
| (ae) Defect Investigation Activity            | - 02 Nos. |

(ii) Details of Proof/test activities carried out during the quarter.

Sr No	<u>Amn Proof</u>	Qty	<u>Weapon Proof</u>	Qty
(aa)	OTL Proof	64 Nos.	30mm Ballistic Crusher Barrel (BCB)	06Nos.
(ab)	OTL Proof (Re-Proof)	05 Nos	Art 2A 46/ T-72	05Nos
(ac)	OTL Proof (Fresh)	01 No.	Art 2A 46M/T-90	10 Nos.
(ad)	Component Proof	255 Nos.	Eqpt 40mm L70 Ex- 506 ABW	24 Nos
(ae)	Propellant proof	31 Nos.	155/45mm Sharang Gun	19 Nos
(af)	Depot Proof	18 Nos	Shot Gun proof	769 Nos
(ag)	GM's Trial	14 Nos.	81mm Mortar	26 Nos
(ah)	DI Proof	02 Nos	84mm Mk-III (Spare Venturi Proof)	03 Nos.
(aj)	DGQA Evaluation	29 Nos		
(ak)	Check Proof	08 01 No.		

(g) **CQA (W) JABALPUR**

(i) **155 mm/ 39 Cal M777A2 Ultra Light Howitzer (ULH)**. JRI of BII, Spares and tools conducted at COD Jabalpur from 03 Nov 2023 to 10 Nov 2023

(ii) **155mm/ 52 Cal TR SP K-9 Vajra**. Mutually agreed ATP in respect of weapon portion have been finalized on 03 Nov 2023 for fresh order of 100x k-9 Vajra Guns. Comments on draft contract forwarded to CQA (SV), Dehu Road being Nodal AHSP on 21 Oct 2023 & 07 Nov 2023. Contract at finalization stage.

(iii) **155mm/ 52 Cal ATAGS**. Draft Contract for procurement of 307 Guns along with 327 GTVs, have been received on 02 Nov 2023 for comments. Consolidated comments of all associated CQAs have been forwarded to DQA (A)/Arm-8 on 11 Nov 2023, 15 Nov 2023 & 20 Nov 2023. Comments on Draft ATP of ATAGS post collegiate meeting were forwarded to ARDE on 06 & 07 Nov 23.

Gun system ATPs of both PAs i.e Ex BFL & Ex TASL (Post Collegiate meeting on 21 Nov 2023) has been received from ARDE on 28 Nov 2023 physically for signing. Provisional ATPs have been finalised, signed and returned on 28 Nov 2023. Contract at finalization stage.

(iv) **155mm/52 Cal TGS**. Consolidated Comments of all associated AHSPs on formulation of draft RFP for qty 400 Nos were forwarded to HQ DQA (A)/Arm-8 on 09 Nov 2023.

(v) **155mm/45 Cal EU Gun System Dhanush**. I-Note of Gun Regd No. C-0025, C-0026 and C-0028 has been issued. 15<sup>th</sup> meeting of Technical Oversight Group was held at Artillery Directorate on 01 Dec 2023 and the MoM were forwarded to all the stakeholders by Arty-14 on 11 Dec 2023.

(vi) **155/ 45 CAL UP-GUNNED SHARANG**. I-Notes of 02 x Guns (Guns No – NPF4308B, N8805) issued during the Month of Nov 2023.

(h) **CQA (I) Dehradun**

**Standardization & Codification**

(i)	Standardization of Documents	Target for the year	-	50
		Achieved	-	50
(ii)	Updation:	Target for the year	-	17702
		Achieved	-	2883
(iii)	Codification:	Target for the year	-	1618
		Achieved	-	1618
(iv)	No. of CA/CV carried out Registration against RFP/ TE		-	01

**12. DQA (EE).**

**(a) CQA (EE) Pune.** Shri RA Govardhan, ADGQA (V&EE) Chairman delivered the opening address of the Quality Seminar held at CQA (EE), Pune on 22 Nov 2023. He welcomed all the participants of the Quality Seminar and Industrial Partners to this Grand Event. During his address, he emphasized on the importance of Quality in present day Industrial Environment. He also dwelled up the role of QA & Reliability in achieving the goal of “ATMANIRBHAR BHARAT”. He highlighted the essence of the Apex documents newly prepared by DGQA and how these documents will shape the future role of DGQA in ensuring seamless industrial progress of India by manufacturing products aligned with Internal standards and facilitate in ease of doing business with these remarks, the Chairman declared the Seminar open and extended his best wishes to all the speakers of the Seminar.

**(b) CQA (FFE) Pune.** A meeting with L&T Defence was held at this Office on 27 Oct 2023 in which the ATP of IFDSS K-9 Vajra for repeat order was finalized.

**13. DQA (V).**

**(a) CQA (V), Ahmednagar.**

(i) **Technical Discussion.** Technical discussion through VC carried out to finalise ATP/ATAGS with ARDE, Pune on 21 Nov 2023.

(ii) **Transfer of AHSP responsibility from CQA (OFV) to CQA (V).** Team of officers detailed to compose board to work out the modalities to transfer of AHSP responsibility from CQA (OFV), Jabalpur to CQA (V), Ahmednagar.

(iii) Joint QA of FoB vehicle (QRFV – Med Ex M/s TASL) conducted from 01-05 Dec 2023 at firm’s premises and 08-11 Dec 2023 at VRDE and CQA (V), Ahmednagar.

(iv) QA training for LBPV Ex M/S MDSL attended by CQA (V) rep from 04-10 Dec 2023 at Prithla Plant.

**(b) CQA (SV) Dehu Road.**

**AHSP Activity**

(i)	Vetting of DDL	:	01/10Items
(ii)	Purchase requisition Released	:	219 No's
(iii)	Source Marking Vetting	:	01/08 Items.
(iv)	Change request floated	:	33 Nos
(v)	Import Indent Vetting	:	02/296 Items.
(vi)	Draft EMER Vetting	:	01/232 Items (Upgraded SLK)
(vii)	RFP Vetting	:	04/163 (GTV HMTV 6x6 – Qty. 1719) (BAZ/Strella 10M/Tunguska)

(viii)	Vetting of Source Marking	:	01/116 items (BAZ)
(ix)	Vetting/ DPSU Indents	:	22/578 Items.
(x)	Floating of Assignment List	:	03/48 Items (Addition of NSN Schilka& for Strella 10 M & T-72)
(xi)	Identification of Items	:	01/11 Items
(xii)	Addition of Scale reference in CICG	:	1300 Items
(xiii)	Vetting of RFI	:	01 (Comments on ADFCR)

### **Codification Activities**

Codification - 919 items

Updation – 14835 items

(c) **CQA (BEML) Bangalore.** Quality Liaison Meeting (QLM) was held through VC on 06 Oct 2023 and 09 Nov 2023 to discuss various pertaining QA of Equipment and Spares ex-BEML Ltd. CQA (BEML), SQAE (V), KGF and reps from BEML Ltd, Bengaluru, KGF, Palakkad and Mysuru attended the meeting.

(d) **CQA (OFV) Jabalpur.**

(i) 02 Nos ATP (FAT 3/5 Ton & TATA 2.5 Ton 4x4 713/32 TC BS-III Engine) have been finalized.

(ii) AHSP Transfer from CQA (OFV) Jabalpur to CQA (V) Ahmednagar reps of CQA (V) Ahmednagar visited this establishment on 21 Dec 2023 for checking of AHSP documents to be transferred. After detailed checking of documents, BOO consisting reps of CQA (OFV) & CQA (V) finalized the report. Report handed over to reps of CQA (V), Ahmednagar.

(e) **SQAE (V), Kolkata.**

(i) Total inspected and accepted value against bulk item is **Rs. 21.6130 Crores** during the period.

(ii) Some of the major items inspected and accepted during the period are given below:

(aa) HMV 8x8 24 Tonne Pay Load Capacity

(ab) Modular Bridge (HMF8x8)

(ac) TATA TFF 1615 TC/42

(ad) Booster Assy, Fork Assy, Cutting Edge, Track Shoe Assy, Track Roller Assy, Sprocket, Cylinder, Shaft Drive, Pressure Plate Assy applicable to Dozer.

(ae) Valve Assy, Air Pressure Regulator, Tank Coolant Vehicular, Cylinder Reworking, Special Wrench-14, Cylinder, Reducer Valve, Valve Cross applicable to BMP.

(f) **SQAE (V) New Delhi.** QA of stores valued of Rs. 61.7168 Cr completed during the quarter.

(g) **SQAE (V) Mumbai.**

**QA of Stores (Cumulative from April 2023)**

Value of stores inspected: 126.64 Crore

Value of stores accepted: 126.17 Crore

**No. of cases forwarded to AHSP during the qtr**

- (i) Capacity Assessment: 01 No.
- (ii) Capacity verification against TE: 01 No.

**14. DQA (CV).**

**QA ACTIVITIES**

SI No.	Type of Store/ Eqpt	Annual Target of OFB / DPSU	Qty accepted during QE Dec 2023	Cumulative qty accepted (01 Apr 2023 to 30 Dec 2023)	Remarks
1.	<b>Engine Factory, Avadi</b>				
(a)	V46-6 (OE)	78	26	68	
(b)	UTD-20 (OE)	379	29	35	
(c)	UTD-20 (BAZ) (Army)	05	Nil	05	
(d)	V92-S2 (OE)	134	20	38	
(e)	V92-S2 (OH)	07	01	Nil	
2.	<b>Heavy Vehicle Factory, Avadi</b>				
(a)	Tank T-90 (OE)	80	Nil	Nil	
(b)	BLT T-72	54	05	05	
(c)	Trawl T-72	37	Nil	Nil	

15. **DQA (L).**

(a) **CQA (AVL).** 2<sup>nd</sup> and 3<sup>rd</sup> PFT meeting of Situational Awareness System for Mechanised Columns through VC on 12 Oct and 22 Nov 2023, respectively. Regarding Fitment of SDR Box (weighing 50 Kg) on the turret of Tank T-90 and methodology of Prototype Readiness Review.

(b) **SQAE (L) Secunderabad.** Stores QA assured (01 Oct 2023 to 31 Dec 2023): **Rs. 311.2685 Crores.**

16. **DQA (R&S).**

(a) **SQAE (L) Jabalpur.** 01 Nos JRI carried out at COD Jabalpur for Associated Spares & Basic issue items for M777 A2 155 mm /39 Cal ULH supplied by BAE Systems.

(b) **SQAE (L) Bengaluru.** Reps of this Estt was detailed as an associated members for the FAT of the 2<sup>nd</sup> CC Non Comm Block of project IEWS-MT (HIMPRAHAR) for 3 & 33 CORPS from 26 Dec -29 Dec 2023 at M/s TASL B'lore

(c) **SQAE (S) Sec'bad.** SQAE (S) carried out QA activities on Tactical Engagement Simulator at M/s ZEN Technologies, Hyd, Electronics Spares and Life extn of MILAN-2T ATGM M/s BDL, Hyd.

17. **DQA(S).**

(a) **CQA (GS), Kanpur.**

Sr.	Activity	Number
1.	(i) Indent Vetted	69
	(ii) RFP Vetted	06
	(iii) AT/SO Vetted	10
2.	(i) Against TE	07
	(ii) General Registration	08
3.	Department Changes of Specn.	41
4.	TPC	07

(b) **CQA (PP), Kanpur.**

- (i) 08 No. CVs were carried out.
- (ii) 29 No. QAs were issued.
- (iii) 24 No. of samples were tested at FOL Lab.
- (iv) 04 No. of items were undertaken of codification.

**18. HQ DQA (WP).**

**(a) Defence Testing Infrastructure Scheme (DTIS).**

(i) **Uttar Pradesh Defence Industrial Corridor (UP DIC).** UP DIC has received response for 03 test facilities under DTIS, the Project Monitoring Committee (PMC) meeting of 03 domains (UAS, Communications, Mechanical and Material) of UPEIDA chaired by ADGQA(WP) was held on 17 Oct 23, the same has been approved by MoD/DDP. The DTISC meeting (Apex level) of these 03 domains chaired by Secy (DP) was held on 05 Dec 23, wherein the projects were awarded to the respective Special Purpose Vehicles (SPVs) under DTIS.

(ii) **Tamil Nadu Defence Industrial Corridor {TN DIC(TIDCO)}.** TN DIC has received response for 02 test facilities under DTIS, the PMC Meeting of 02 domains (Electro Optics, Electro Warfare) of TIDCO chaired by ADGQA(WP) was held on 19 Oct 23, the same has been approved by MoD/DDP. The DTISC meeting (Apex level) of these 02 domains chaired by Secy (DP) was held on 05 Dec 23, wherein the projects were awarded to the respective SPVs under DTIS.

(b) **Comprehensive Project Review Meeting (CPRM).** CPRM of M/s Mazgaon Dock Shipyard Ltd, (MDL) was held for shipbuilding projects at MDL, Mumbai. CQAE (WE), Mumbai was nominated rep of HQ, DQA (WP) has attended the meeting on 22-23 Nov 23 for review of ship building projects viz, P-15A/B and P-17A.

(c) **Capacity Assessment and Vendor Registration.** 06 firms have been registered by DQA (WP).

19.

**INSPECTION ACTIVITY**

(a) **CQAE (MS), Mumbai.**



**INSPECTION OF 20 TPH STARTER FOR SUBMERSIBLE PUMP  
M/S WPIL , THANE ON 24 NOV 23**

(b) **QAE (WE& FPC), Bengaluru.**



**ULTRASONIC TEST OF RAW MATERIAL  
OF FORGINGS FOR FIN STABILIZERS:  
M/S POLYHYDRON SYSTEMS PVT. LTD.  
BELGAUM**

**RT FILMS REVIEW FOR STATOR  
CAN, ROTOR CAN AND CASTINGS  
OF CANNED MOTOR PUMPS: M/S  
FLOW OIL PUMP, BANGALORE**

(c) QAE (WE), Vadodara.



**FATS , TYPE TESTING & INSPECTION OF SPARES AND PUMPS:  
M/S SPX, AHMEDABAD ON 26-28 DEC 23**



**INSPECTION OF MARINE LINE VALVES : M/S SHREE CHAMUNDA VALVES,  
AHMEDABAD ON 30 DEC 23**



**TYPE TESTING OF AC PLANT: M/S JOHNSON CONTROLS HITACHI,  
GANDHINAGAR ON 30 OCT 23 - 09 NOV 23 & 15-16 DEC 23**



**INSPECTION OF REDUCTION GEAR BOX SPARES: M/S ELECON, ANAND  
ON 28 OCT 23, 23 NOV 23 & 21 DEC 23**

(d) QAE (WE/WP), Kolkata.



**IFATS OF 18<sup>TH</sup> DA OF 01 MW DA FOR PROJECT P-17A:  
M/S GRSE, RANCHI DIESEL ENGINE PLANT**

(e) QAE (WE), Badarpur.



**INSPECTION OF FORGINGS FOR STEERING GEAR SYSTEM:  
M/S GOOD LUCK ENGINEERING, UP**

(f) QAE (WE), Bhopal.



**INSPECTION OF SPARES OF TANK CONTENT GAUGES:  
M/S NIVO CONTROL, INDORE**

(g) QAE (WE EFS), Chennai.



**INSPECTION OF VALVE : M/S L&T VALVES, COIMBATORE**

## 20. DQA (NAVAL).

(i) **Shakti System.** M/s MDL, Mumbai has placed order on M/s BEL, Hyderabad for supply of Shakti System, IM and Spares. Inspection activities of 01 Shakti System have been completed during the quarter and dispatched to M/s MDL, Mumbai.

(ii) **Varuna System.** M/s CSL, Kochi has placed order on M/s BEL, Hyderabad for supply of 08 No. of Varuna System with IM and OBS. Inspection activities of 01 Varuna System along with ICs and OBS have been completed during the quarter and dispatched to CSL, Kochi.

(iii) **Nayan Comint System.** M/s WED, Mumbai has placed order on M/s BEL, Hyderabad for supply of 29 Nos. of Nayan System with IM, OBS, B&D and Accessories. Inspection activities of 04 Nayan System, OBS, have been completed during the quarter and dispatched to WED, Mumbai.

(iv) **Nayan Comint System Dockyard Support Package (DSP).** M/s MDL, Mumbai has placed order on M/s BEL, Hyderabad for supply of Nayan Comint System Dockyard Support Package (DSP). Inspection activities of 01 Nayan System, OBS, have been completed during the quarter and dispatched to WED, Mumbai.

(v) **XBT System.** M/s GRSE, Kolkata has placed order on M/s ECIL, Hyderabad for supply of XBT System with accessories and OB Spares. Inspection activities of 01 System and 73 Types of OB Spares have been completed during the quarter and dispatched to M/s GRSE, Kolkata.

(vi) **Rubber Tiles.** CPRO, Vizag has placed order on M/s. Andhra Polymers Pvt. Ltd., Hyderabad for supply of 546 numbers of 20MM Vibro Acoustic Rubber Tiles for EKM Submarine. Inspection activities of all items have been completed during the quarter and dispatched to CWH, Vizag.

(vii) **Valves.** CPRO, Vizag has placed order on M/s. Vertex Engineering Pvt. Ltd., Hyderabad for supply of 02 Types of Valves (Angle Shunt of Valve – 64 Nos and Union Stop Angle Valve – 70 Nos). Inspection activities of all items have been completed during the quarter and dispatched to CWH, Vizag.

### **Marine Cables.**

(a) M/s Radiant Corp. is manufacturing Marine Cables for Indian Navy. Different OPAs have placed orders on M/s Radiant Corp. for manufacturing of various types cables. Inspection activities of cables measuring length of 36.60 Km, worth Rs 4.69 Crores were cleared for dispatch during the present quarter.

(b) M/s Thermo Cables is manufacturing Marine Cables for Indian Navy. Different OPAs have placed orders on M/s Thermo Cables for manufacturing of various types cables. Inspection activities of cables measuring length of 4.56 Km, worth Rs 0.58 Crores were cleared for dispatch during the present quarter.

**21. EVENTS /TRIALS/INSPECTION.**



**FATS OF SHIP DATA NETWORK (SDN)  
FOR DSV-HSL**



**ANTENNA WALL FOR MF STAR**



**KAVACH QA ACTIVITIES M/s MDL YARD**



**QA CHECKS(VISUAL& DIMENSIONAL) OF  
HYDROSTATIC PRESSURE TEST OF  
PNEUMATIC RUBBER FENDER, CARRIED  
OUT AT M/s HI TECH ELASTOMERS,  
AHMEDABAD**

## **IMPORTANT TRIALS/ TECH EVALUATIONS BY DGQA**

### **22. DQA (A).**

#### **(a) CQA (A), Khadki.**

- (i) User trial for Grenade 40mm HEAP, HEDP, RP and VOG-25 under 'Make in India' completed at Plain & HAA during Oct 2023.
- (ii) User trial for validating Product Improvement in Gde Hand No. 90 conducted at Infantry School, Mhow on 27 Oct 2023.

#### **(b) SQAE (A) Ambajhari.**

- (i) DGQA Technical Evaluation of 40 mm LV HE Amn. Tech Evaluation is scheduled to commence from 04 Jan 2024. Pre-Trial meeting was held at Sena Bhawan, New Delhi on 11 Aug 2023.
- (ii) Rep was detailed for User trials of 40mm Amn for MGL & UBGL from 09-17 Oct 2023 at Inf School Mhow at HFFR (Hema Field Firing Range) & from 27 Oct – 01 Nov 2023 at KNFFR (Kharu Nala Field Firing Range) as DGQA Rep.

### **23. DQA (EE).**

- (i) **CQA (EE) Pune** reps were attended CTT trial of RTFLT from 20–Nov 2023-13 Dec 2023 at 105 Engr Regt Leh.
- (ii) **NBCEW, Pune.** DGQA Evaluation – 02 (CBRN Over boot MK-II and CBRN Gloves MK-II).

### **24. DQA (V).**

(a) **CQA (V) Ahmednagar. DGQA important Trials/Evaluation Trial.** Reconciled Technical Evaluation report in r/o Light Veh (GS) 4X4 800 Kg (Soft Top) along with relevant copies of test report forwarded by HQ, DQAV for onward submission to CD Dte (CD13/14) on 14 Nov 2023. Re-confirmatory trials scheduled on 01 Jan 2024.

#### **(b) CQABEML) Bengaluru.**

- (i) **Limited Validation of FoPM LCR&RV.** Phase-I of FSTT of LV & BCP completed. User trial at Pokhran (Phase-I) and Sikkim (Phase-II) of FSTT at VRDE for balance qty have been completed on 23 Jun 2023. VRDE report on compliance of test parameters received on 26 Jul 2023. DGQA evaluation report (Vehicular portion) has been forwarded to CQA (W) and other stakeholders on 17 Aug 2023. Clearance of HVAC by CQA (EE) report forwarded on 23 Aug 2023. BPC for LV&BCP for L&T only has been accorded on 29 Sep 2023. BPC has been accorded to M/s TASL on 14 Nov 2023.

(ii) **QA Evaluation of Trials of HRV 6X6 (Qty -54 Nos).** Phase-II of QA Evaluation trials of HRV 6X6 are under progress since 22 Dec 2023. CQA (BEML) rep witnessing the trials at NCAT, VRDE, Ahmednagar.

(iii) **CTT of 50 Ton trailer (Qty-212 Nos).** CTT trials of 50 Ton trailer Tk Transporter concluded from 18-22 Dec 2023. CQA (BEML) rep witnessed the trials at NCAT, VRDE, Ahmednagar.

(iv) **FOPM Roadability Trials of 507 Trailers Qty -208 Nos.** FoPM – Roadability run of 5000 km completed on 17 Nov 2023. Trial report was submitted on 21 Dec 2023. BPC accorded on 29 Dec 2023.

**(c) CQA (SV) Dehu Road.**

(i) **NCNC Trials of AATV.** NCNC Trials of both the equipments Ex. M/s BEML and M/s L&T are under progress at Leh from 16 Nov 2023. CQA (SV) reps detailed to attend the Trial. The feedback report forwarded to HQ, DQA (V) on 27 Dec 2023.

(ii) **FOPM Trial of IPMV 8x8.** The FOPM Trial of IPMV 8x8 for ATP parameters of CQA (SV) responsibility have been completed on 01 Dec 2023 at VRDE, Ahmednagar and VRDE test report awaited. HAA Trials for ATP Parameter was completed at Leh on 07 Dec 2023: CQA (SV) rep had attended the trial. Testing of Run Flat System is carried out on 29 Dec at VRDE, Ahmednagar and witnessed by CQA (SV) & CQA (V) reps.

**25. DQA (CV).**

(a) **CQA (HV).** MGS Br issued Trial Directive to assess the durability of POH of Tk T-90. The same was carried out at HVF, Avadi to finalise the OH Scales/ process prior to commencement of the Overhaul of Tank T-90. As per the Trial Directive, Trials were planned for a distance of 1700 kms, Firing Trials up to 62.5 EFC and Deep Fording during the last phase of Trials. Overhauled Tank T-90 POH-002, BA No. 01X9111E was selected for the Trials and Trials commenced on 22 Aug 2022. Trials were conducted by ACC&S, Ahmednagar.

(b) **CQA (AVA).** DGQA Evaluation Trial of Integrated Commander Panoramic Sight (ICPS) M/S BEL, Chennai commenced from 21 November 2023.

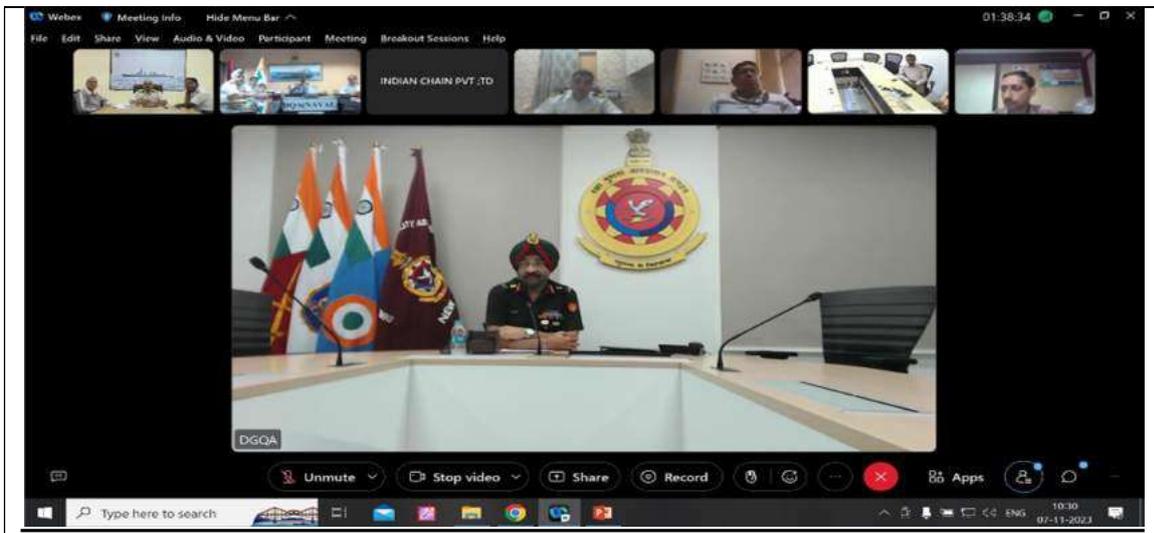
**26. DQA (L).**

**CQA (L) Bengaluru.** SDR (D&D): Vibration Test has been completed on 11 Dec 2023, High Temperature Tests have been completed on 12 Dec 2023 & Repeat Solar Radiation of Digital Hand set fixed with old Mic which was not subjected to Solar Radiation commenced on 01 Jan 2024.

## VENDOR MEET

27. DQA (N).

### CONFERENCE HALL OFIL ICHAPUR



**HQ, DQA(N) NEW DELHI ONLINE PAN DQA(N) VENDOR MEET HELD ON 07 NOV 2023**



**VENDORS MEET AT DQA(M&E), ICHAPUR ON 09<sup>TH</sup> AUG 2023**

**QA-CONCLAVE 2023**

28. **DQA(WP).**



**WEST ZONE QA-CONCLAVE 2023 ON 14 DEC 23 AT VADODARA.**  
LT GEN RS REEN, DG, DGQA CHAIRED THE MEET AND SHRI T. NATARAJAN, AS (DP) ADDRESSED THE EVENT OVER VC. INDUSTRY FROM WEST ZONE PARTICIPATED IN THE EVENT. PRESS RELEASE OF THE EVENT WAS ISSUED THROUGH PIB AND TWEET ON THIS EVENT WAS ALSO PUBLISHED BY MOD/DDP



**WEST ZONE QA-CONCLAVE 2023 ON 14 DEC 23 AT VADODARA**

## PROCESS AUDITS

29. DQA (V).

CQA (BEML), Bengaluru:

Process Audit of BCP – PINAKA: Process Audit of Platform Assy of BCP – PINAKA 5<sup>th</sup> – 10<sup>th</sup> Regt was carried out at M/s Prabha Automotive Industries, Hosur on 08 Nov 2023 by Shri RA Chauhan, Dy. Controller.

### IMPORTANT DEFECT INVESTIGATION CARRIED OUT

30. DQA (A).

SQAE (A) & LPR Khamaria.

(i) DI of AMK-258 Rd 84mm Illg FFV-545 Lot No. OK 06051 & OK 06040, AHSP Control No. A/57/22/AT. Defect Investigation of subject lots completed/closed vide CQA (A) L/No. A/057/22/AT dated 09 Nov 2023.

(ii) DI of AMK-258, Rd 84mm Illg FFV 545 Lot No. 151/OK 08/2010, AHSP Control No. A/041/23/AT. Defect Investigation of subject lot completed report forwarded to CQA (A) vide this estt L/No. KH/35296/P-3/84mm ILLG/DI/I/153 dated 08 Nov 2023.

31. DQA (L).

CQA (L) Bengaluru: No. of Defect Investigation carried out

No. of DR pending as on 31 Dec 23	No. of DR received during the quarter ending Oct-Dec 2023	Total	No. of DR cleared during the quarter	Pending DRs at the end of 31 Dec 2023	Pending DRS			
					Below 3 months	Between 3-6 months	Above 6 months	Above 1 year
05	05	10	01	09	05	03	01	-

### 32. HONOURS /AWARDS/ DISTINCTIONS.

Sr No	Name of Awardees	Estt.	Dte	Nature of Awards		
				DGQA Cash Award	DGQA Commendation with Badge	ADGQA Commendation Award
(a)	Shri NH Porwar, JTO (S)	CQA(V) Ahmednagar	DQA (V)	-	√	-
(b)	Shri Anil B Thite, PScO (JAG)	CQA (SV) Dehu Road	-do-	-	√	-
(c)	RIS Manjeet Singh	CQA (SV) Dehu Road	-do-	-	√	-
(d)	Sh. M. Kaviarasan, AE (QA) MCM	SQAE (V) Chennai	-do-	-	√	-
(e)	03 Persons	CQA (HV) Avadi	DQA (CV)	-	√	-

### WELFARE & OTHER ACTIVITIES

#### 33. DQA (M&E).

(a) **CQA (ME), Pune.** As per directives received from HQ, Delhi, Special Campaign 3.0 for Swachhta was commenced by this Dte and all AsHSP / Estts from 02-31 Oct 2023. The report on daily cleanness drive with photo /video had been forwarded to HQ on daily basis.



**Dr. R K UPADHYAY, CONTROLLER, ENLIGHTENED THE IMPORTANCE OF CLEANLINESS TO THE TEAM OF CQA(ME), PUNE ON 01<sup>ST</sup> OCT 2023 'SWACHHATA DIWAS'**

(b) CQA (M&E) Ichapur.



**SWACHHTA DIWAS CELEBRATED  
AT CQA(MET), ICHAPUR PREMISES**

Vigilance Awareness Week – (30 Oct 23 to 05 Nov 23).

34. QAE (EFS), Mumbai.



**Pledge on vigilance awareness week at QAE(FFS), Mumbai**

## SPORTS

### 35. DQA (A).

#### SQAE (A), Cossipore



### 36. Retirements.

Sr No.	Name & Designation	Estt	Date of Retirement
i	Shri Kamal Kumar Tech(HS-1)	CQA (M), Kanpur	31 Dec 2023
ii	Shri Vijay Priya Gautam, UDC	SQAE (GS), New Delhi	30 Nov 2023
iii	Shri Mehar Singh, MT Driver	SQAE (GS), New Delhi	30 Nov 2023
iv	Shri Yashveir Singh, AO	SQAE (GS), New Delhi	31 Dec 2023
v	Shri A Rajan Tech (SK)	SQAE(GS) Chennai	30 Nov 2023
vi	Smt Rajani Babanrao Shankpal, SAO-II	SQAE(GS) Mumbai	31 Oct 2023
vii	Shri Ram Narayan Mistra, ADFO	CQA(GS), Kanpur	31 Oct 2023
viii	Smt Anju Anand, AO	CQA(GS), Kanpur	31 Dec 2023
ix	Shri Vinay Kumar, AE (QA)	SQAE (GS) Kanpur	31 Dec 2023
x	Shri Neerja Bhadauriya JTO(S)	CQA (T&C) Kanpur	31 Oct 2023
xi	Shri Jitendra Dixit, AO	CQA (T&C) Kanpur	31 Dec 2023
xii	Shri Jogeshvar Prasad JTO (S)	CQA (T&C) Kanpur	31 Dec 2023
xiii	Shri Ashok Savakhande, Lab (Asst)	DQA (EE)	31 Oct 2023
xiv	Shri Sunil Bande, Lab (Asst)	DQA (EE)	30 Nov 2023
xv	Smt Kamala R Bhingane, Tech (SS)	DQA (EE)	31 Dec 2023
xvi	Shri Bheemaraju, MCM	CQA(L) B'lore	31 Oct 2023
xvii	Shri Anthony Rajan J, MCM	CQA(L) B'lore	30 Nov 2023
xviii	Shri Ashok Kumar Jt. Controller	CQA(Met), Ichapur	31 Dec 2023

xix	Shri C Bandhopadhyay AE(QA)	CQA(Met), Ichapur	31 Oct 2023
xx	Dr. BK DAS JTO(S) / ME	DQA(M&E), Ichapur	31 Dec 2023
xxi	Shri IL Bagwan Store Officer	CQA(ME), Pune	31 Oct 2023
xxii	Smt. Ranjana I Patil, Tech (HS-I)	CQA(ME), Pune	31 Oct 2023
xxiii	Shri BM Chimate, Tech (HS-II)	CQA(ME), Pune	31 Oct 2023
xxiv	Shri SB Nikam Admin Officer	CQA(ME), Pune	30 Nov 2023
xxv	Smt. D Pradhan JTO(S)	CQA(ME), Pune	31 Dec 2023
xxvi	Cmde Shishir Shrotriya	HQ,DQA(N), New Delhi	31 Dec 23
xxvii	Shri Priyanshu Panwar, JE(NQA)	HQ,DQA(N), New Delhi	29 Dec 23 (Regi)
xxviii	Shri Rajesh Kumar Yadav, JE(NQA)	CQAE(WE), Bengaluru	15 Dec 2023
xxix	Shri Vikin Jain, AE(NQA)-	QAE(UB), Mumbai,	25 Oct 23 (Regi)
xxx	Shri D Bhaskar , Tech/SS	CQA(S), Sec'bad	31 Oct 2023
xxxi	Ms SM Clamence, AO	SQAE(L) Bengaluru	29 Dec 2023
xxxii	Shri RP Swamy, PS	CQA(V) Ahmednagar	31 Oct 2023
xxxiii	Shri SM Sethi, AE(QA)	CQA(V) Ahmednagar	01 Nov 2023
xxxiv	Shri AV Jadhav, AE(QA)	CQA(V) Ahmednagar	30 Nov 2023
xxxv	Shri PS Gugale, AE(QA)	CQA(V) Ahmednagar	01 Dec 2023 (VRS)
xxxvi	Shri PS Gugale, AE(QA)	CQA(V) Ahmednagar	31 Dec 2023
xxxvii	Shri NB Kannadka, AE (QA)	CQA(BEML) B'lore	31 Jul 2023
xxxviii	Shri PC Jajula, CSA 'C"	CQA(SV) Dehu Road	31 Dec 2023
xxxix	Shri KB Hormale, AE(QA)	CQA(A) Khadki	30 Nov 2023
xL	Shri KA Gorel, MCM	CQA(A) Khadki	30 Nov 2023
xLi	Shri HV Khanhare, Tech (SK)	CQA(A) Khadki	30 Nov 2023
xLii	Shri BN Bhalekar, OS	CQA(A) Khadki	31 Dec 2023
xLiii	Shri JD Pote, MCM	CQA(A) Khadki	31 Dec 2023
xLiv	Shri WH Khan, OS	SQAE(A) Khadki	30 Nov 2023
xLv	Shri Dhananjay Rai, SA	SQAE(A) Badmal	31 Dec(A/N)
xLvi	Shri D K Manjhi, AO	SQAE (A) & LPR Khamaria	30 Dec 2023
xLvii	Shri B P Shukla, Cook	SQAE (A) & LPR Khamaria	30 Dec 2023
xLviii	Shri AK Ojha, Tech (SS)	CQA(W), Jabalpur	31 Oct 2023
xLix	Shri AK Vishwakarma, OS	CQA(W), Jabalpur	29 Nov 2023 (VR)
L	Shri KP Singh, SAO	CQA(W), Jabalpur	31 Dec 2023
Li	Shri SK Kamlakar, OS	CQA(W), Jabalpur	31 Dec 2023
Lii	Shri Sudip Biswas, AE(QA)	SQAE (A) Cossipore	01 Jan 2024(VR)
Liii	Shri Rabin Bhowmick, Tech MCM	SQAE (A) Cossipore	31 Dec 2023
Liv	Sh DK Jain, AE(QA)	SQAE (SA), Kanpur	30 Nov 2023
Lv	Sh Ghanshayam Tripathi, Store Officer	SQAE (SA), Kanpur	30 Nov 2023
Lvi	Shri Subhasis Chakraborty, MCM	SQAE(SA) Ichapur	30 Sep 2023
Lvii	Shri Amitava Das, MCM	SQAE(SA) Ichapur	30 Sep 2023

Lviii	Cmde Gaurav Gautam	HQ, DQA(WP)	31 Dec 23
Lix	Capt PS Malhotra, JCQAO	CQAE(MS), Mumbai	31 Oct 2023
Lx	Cdr Rajesh Sethy, Cdr QA	HQ, DQA(WP)	30 Nov 23
Lxi	Shri Deepak L Anaokar, Sup.(Store)	HQ, DQA(WP)	31 Oct 2023
Lxii	02 AEs retired	DQA(CV)	31 Oct 2023
Lxiii	01 Adm officer retired	DQA (CV)	31 Dec 2023

**37. Obituary.**

<b>Srl No.</b>	<b>Name (S/Shri)</b>	<b>Date of Demise</b>	<b>Estt</b>
i	Smt Rupa Banerjee	10 Jul 2023	SQAE(GS),Kanpur
ii	Shri R K Vishwakarma, CMD-I	11 Oct 2023	CQA (OFV) Jabalpur
iii	Late Shri Rajarajendra BN, JTO(D)	15 Oct 23	CQA(L) B'lore
iv	Shri Arindam Banerjee AE(QA)	31 Oct 2023	SQAE (GS) Kanpur
v	Shri Chandra Shekhar Sonkar, SA 'C'	20 Nov 2023	CQA (GS), Kanpur
vi	Shri Arun Kumar Soni, UDC	25 Nov 2023	CQA (GS), Kanpur
vii	Shri Shaikh Irshad Abdul Hamid, AE(QA)	16 Dec 2023	SQAE (V) Mumbai

\*\*\*\*\***END**\*\*\*\*\*