

Tele: 24196705

A/82297/SORC/DGQA (COORD)

15 Mar 2024

MINISTRY OF DEFENCE/DDP  
DGQA (COORD)

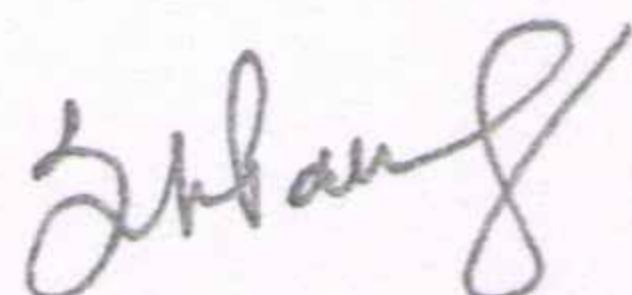
RE-ORGANISATION OF DIRECTORATE GENERAL OF  
QUALITY ASSURANCE (DGQA)

1. Please find enclosed a copy of Govt of India, Ministry of Defence, Department of Defence Production letter No A/82297/SORC/DGQA (Coord)/127/D(QA)/2024 dated 15 Mar 2024.
2. The Competent Authority has approved the re-organisation of DGQA with immediate effect. The re-organised structural organogram of DGQA and the list of new Estts in the re-organised structure are as per Annexure 'A' and 'B' respectively of the GoI/MoD sanction letter dated 15 Mar 2024. SOP for hierarchical functioning of DGQA Estts is also attached with ibid GoI/MoD sanction letter for implementation by all Estts.
3. In order to take forward the process of restructuring in a time bound manner, following actions are to be taken at various levels:-
  - (a) All Tech Dtes to revisit distribution of tech and administrative manpower as per new organisational structure considering the workload of their discipline at re-organised Estts. This will also form basis of formulation of PE for functioning of new Estts.
  - (b) Lead Estts with responsibility for migration to administrative and financial functioning as per re-organised structure is attached as **Appendix 'A'** for necessary coordination with Tech Dtes, DGQA (Adm) and RMD (Budget).
  - (c) All relevant inputs for revision of PE as per re-organised structure to be forwarded by Tech Dtes to DGQA/RMD(PE) by 31 Mar 2024. Tech Dtes may constitute a Board of Officers (BOO) for this purpose. DG, DGQA has directed to consider the following while working out revised PE:-
    - (i) Role, responsibility and tasks;
    - (ii) Workload at hand and anticipated;
    - (iii) Flexible component for shifting QA load;
    - (iv) Consolidation of Adm manpower;
    - (v) An EDP cell with Data Entry Operator to be catered with the offices of ADGQA, Controller and DDG, RQAE to enable timely and efficient handling of emails and correspondences.
    - (vi) Suitable provisions for outsourcing of services ab initio and against deficiency as well as posting of certain required combatants in lieu of deficiency may be incorporated in the footnote.

- (d) DQA (PP&T) is requested to study the technical functioning of Estts in light of re-organised structure and SOP on hierarchical functioning for issuing necessary guidelines with requisite changes in existing arrangements/SAOs/AOs for ensuring

effective and efficient QA/Testing and CV support to User and Industry as envisaged in NPC study.

- (e) DDG (Adm) and Brig QA(O) to prepare plan for deployment of officers as per re-organised structure.
4. A committee for formulating PE of new estts at Apex level will be constituted under ADG (Adm) in consultation with respective Dtes and PD (Budget) separately to monitor the progress and finalise documents for formulation of PE.
5. Kindly accord **TOP PRIORITY**.



(SK Pandey)  
ADG (Adm)

**Encls:** As above

**All ADGsQA**  
**Comdt, CPE, Itarsi**  
**All Estts of DGQA**

**Copy to:-**

**TS to DG, DGQA**  
**PPS to PD (Budget)**

APPENDIX 'A'

**DETAILS OF LEAD ESTTS & DESIGNATED OFFICERS:  
RESPONSIBILITY TO IMPLEMENT RE-ORG EXERCISE**

Srl No.	Estt in Re-organised structure	Merged/Consolidated/ Split Estts	Lead Estt for implementation of re-org exercise	Designated officer responsible for implementation of re-org exercise
<b>DQA (ARMAMENT)</b>				
1	HQ DQA (A), New Delhi	HQ DQA (Wpn), New Delhi	HQ DQA(A), New Delhi	Addl DG (Arm)
		HQ DQA (A), New Delhi		
		HQ DQA (M&E), Ichapur		
		DQA (M&E) Wing, New Delhi		
2	CQA (Amn), Pune	CQA(Amn), Pune	CQA(Amn), Pune	Controller, CQA(Amn), Pune in consultation with CQA(M&E), Pune
		CQA(M&E), Pune		
		SQAE(A)*, Khamaria (* LPR, Khamaria separated)		
		SQAE (A), Pune		
		QAE(ME), Dehu Road		
		QAE(ME), Khamaria		
3	CQA (W), Jabalpur	SQAE(A), Jabalpur	CQA(W), Jabalpur	Controller, CQA(W), Jabalpur
		CQA(W), Jabalpur		
		SQAE(V)*, Jabalpur (*Split from CQA(OV), Jabalpur)		
4	CQA(SA), Ichapur	SQAE(SA), Ichapur	CQA(SA), Ichapur	Controller, CQA(W), Jabalpur
		CQA (SA), Ichapur		
5	CQA(METALS), Ichapur	CQA (METALS), Ichapur	CQA(METALS), Ichapur	Controller, CQA(METALS), Ichapur in consultation with DQA(Armt)
6	CQA(I), Dehradun	CQA(I), Dehradun	CQA(I), Dehradun	Controller, CQA(I), Dehradun

7	SQAE(A), Kanpur	SQAE(A), Kanpur	SQAE(A), Kanpur	SQAO, SQAE(A), Kanpur
8	SQAE(A), Cossipore	SQAE(A), Cossipore	SQAE(A), Cossipore	SQAO, SQAE(A), Cossipore
9	SQAE(SA), Trichy	SQAE(A), Trichy	SQAE(A), Trichy	SQAO SQAE(A), Trichy
10	SQAE(A), Chandrapur	SQAE(A), Chandrapur	SQAE(A), Chandrapur	SQAO, SQAE(A), Chandrapur
11	SQAE(A), Ambajhari	SQAE(A), Ambajhari	SQAE(A), Ambajhari	SQAO, SQAE(A), Ambajhari
12	SQAE(A), Bolangir	SQAE(A), Bolangir	SQAE(A), Bolangir	SQAO, SQAE(A), Bolangir
13	SQAE(A), Varangaon	SQAE(A), Varangaon	SQAE(A), Varangaon	SQAO, SQAE(A), Varangaon
14	CQA(ALS), Jabalpur	SQAE(L), Jabalpur  (SQAE(L), Jabalpur upgraded as an AHSP)	SQAE(L), Jabalpur	SQAO, SQAE(L), Jabalpur in consultation with DQA(Armt).
<b>DQA (Stores)</b>				
15	HQ DQA (Stores)	HQ DQA (Stores)	HQ DQA (Stores)	Addl DG (Stores)
16	CQA (GS), Kanpur	CQA (GS), Kanpur	CQA (GS), Kanpur	Controller, CQA(GS), Kanpur
17	CQA (PP & Mtrl), Kanpur	CQA (PP), Kanpur  CQA (M), Kanpur	CQA (PP), Kanpur	Controller, CQA(PP), Kanpur in consultation with Controller, CQA(M), Kanpur
18	CQA(T&C), Kanpur	CQA (T&C), Kanpur	CQA (T&C), Kanpur	Controller, CQA (T&C), Kanpur
19	SQAE(S), Shahjahanpur	SQAE(GS), Shahjahanpur	SQAE(GS), Shahjahanpur	SQAO, SQAE(GS), Shahjahanpur
<b>DQA (Vehicle)</b>				
20	HQ DQA (Veh), New Delhi	HQ DQA (Veh), New Delhi  HQ DQA (EE), New Delhi		Addl DG DQA (EE) in consultation with DQA(Veh)
21	CQA(SV), Dehu Road	CQA(SV), Dehu Road	CQA(SV), Dehu Road	Controller, CQA(SV), Dehu Road

22	CQA(EE), Pune	CQA(EE), Pune	CQA(EE), Pune	Controller, CQA(EE), Pune
23	CQA (HMV), KGF	CQA (BEML), KGF	CQA (BEML), KGF	Controller CQA (BEML), KGF in consultation with DQA(CV)
		SQAE(V), KGF		
24	CQA (FFE & NBC), Pune	CQA (FFE), Pune	CQA (FFE), Pune	Controller, CQA (FFE), Pune
		NBCE Wing, Pune		
25	CQA (V), Ahmednagar	CQA (V), Ahmednagar	CQA (V), Ahmednagar	Controller, CQA (V), Ahmednagar
26	QAE (OFV), Jabalpur	By Suppression of CQA(OFV), Jabalpur	CQA(OFV), Jabalpur	Controller, CQA(OFV), Jabalpur
<b>DQA (Combat Vehicle)</b>				
27	HQ DQA (CV), Avadi including Wing (CV), New Delhi	HQ DQA (CV), Avadi & Wing (CV), New Delhi	HQ DQA (CV), Avadi	Addl DG, DQA(CV)
28	CQA(HV), Avadi	CQA (HV), Avadi	CQA (HV), Avadi	Controller, CQA (HV), Avadi
29	CQA (ICV), Medak	CQA (ICV), Medak	CQA (ICV), Medak	Controller, CQA (ICV), Medak in consultation with DQA(A) and DQA(Electronics)
		SQAE(A), Medak		
		SQAE(L), Medak		
30	CQA (AVL), Avadi	CQA (AVL), Avadi	CQA (AVL), Avadi	Controller, CQA (AVL), Avadi in consultation with DQA(CV)
31	CQA (AVA), Avadi	CQA (AVA), Avadi	CQA (AVA), Avadi	CQA (AVA), Avadi in consultation with DQA(CV)
<b>DQA (Electronics)</b>				
32	HQ DQA (L), New Delhi	HQ DQA (L), New Delhi	HQ DQA (L), New Delhi	Addl DG DQA (L)
33	CQA (L), Bengaluru	CQA (L), Bengaluru	CQA (L), Bengaluru	CQA (L), Bengaluru
34	CQA (EW), Secunderabad	CQA (EW), Secunderabad	CQA (EW), Secunderabad	Controller, CQA (EW), Secunderabad
35	SQAE(L), Secunderabad	SQAE(L), Secunderabad	SQAE(L), Secunderabad	SQAO, SQAE(L), Secunderabad
<b>DQA (R&amp;S)</b>				
36	HQ DQA (R&S), Secunderabad including Wing	HQ DQA(R&S), Secunderabad & Wing (R&S), New Delhi	HQ DQA(R&S), Secunderabad	Addl DG DQA(R&S),

	(R&S), New Delhi			
37	CQA (S), Secunderabad	CQA (S), Secunderabad	CQA (S), Secunderabad	Controller, CQA (S), Secunderabad
		SQAE(S), Secunderabad		
38	CQA (R), Bengaluru	CQA (R), Bengaluru	CQA (R), Bengaluru	Controller, CQA (R), Bengaluru
39	SQAE(L), Bengaluru	SQAE (L), Bengaluru	SQAE (L), Bengaluru	Controller, SQAE (L), Bengaluru
<b>DQA (Regional)</b>				
40	HQ DQA(Regional), New Delhi	New Estt	DQA (EE)	Addl DG (EE) in consultation with Brig - QA(CW)
41	RQAE(North), Delhi	SQAE(GS), New Delhi	SQAE(L), New Delhi	SQAO, SQAE(L), New Delhi in consultation with all respective Dtes i.e. DQA(A), DQA(GS), DQA(V) & DQA(EE)
		SQAE(A), New Delhi		
		SQAE(V), New Delhi		
		SQAE(L), New Delhi		
		SQAE(EE), New Delhi		
42	RQAE(South), Chennai	SQAE(GS), Chennai	SQAE(V), Chennai	SQAO, SQAE(V), Chennai in consultation with all respective Dtes i.e. DQA(A), DQA(L), DQA(GS) & DQA(EE)
		SQAE(A), Chennai		
		SQAE(L), Chennai		
		SQAE(V), Chennai		
		SQAE(EE), Chennai		
43	RQAE(East), Kolkata	SQAE(GS), Kolkata	SQAE(GS), Kolkata	SQAO, SQAE(GS), Kolkata in consultation with all respective Dtes i.e. DQA(A), DQA(L), DQA(V) & DQA(EE)
		SQAE(A), Kolkata		
		SQAE(L), Kolkata		
		SQAE(V), Kolkata		
		SQAE(EE), Kolkata		
44	RQAE(West), Mumbai	SQAE(GS), Mumbai	SQAE(L), Mumbai	SQAO, SQAE(L), Mumbai in consultation with all respective Dtes i.e. DQA(A), DQA(GS), DQA(V) & DQA(EE)
		SQAE(A), Mumbai		
		SQAE(L), Mumbai		
		SQAE(V), Mumbai		

		SQAE(EE), Mumbai		
45	RQAE (Central), Kanpur	SQAE(SA), Kanpur	SQAE(GS), Kanpur	SQAO, SQAE(GS), Kanpur in consultation with DQA(A), DQA(V) & DQA(L)
		SQAE(GS), Kanpur		
46	SQAE(L&S), Chandigarh	SQAE(L&S), Chandigarh	SQAE(L&S), Chandigarh	SQAO, SQAE(L&S), Chandigarh in consultation with RQAE(North)
47	SQAE(A), Secunderabad	SQAE(A), Secunderabad	SQAE(A), Secunderabad	SQAO, SQAE(A), Secunderabad in consultation with RQAE(South)
<b>DDTEP</b>				
48	HQ DDTEP, New Delhi	New Estt	CPE, Itarsi	Comdt, CPE, Itarsi in consultation with Addl DG(Arm)
49	LPR, Khamaria	LPR Khamria	CPE, Itarsi	Comdt, CPE, Itarsi in consultation with LPR, Khamaria
50	CPE, Itarsi	CPE, Itarsi	CPE, Itarsi	Comdt, CPE, Itarsi
<b>DTES UNDER HQ DGQA</b>				
51	DQA (Adm)	DQA (Adm)	DQA (Adm)	Addl DG (Adm)
52	DQA (PP&T)	DQA (PP&T)	DQA (PP&T)	Addl DG (PP&T)
<b>TRAINING INSTITUTE</b>				
53	DIQA, Bengaluru	DIQA, Bengaluru	DIQA, Bengaluru	Director, DIQA, Bengaluru

**Note:**

1. Wing (CV), New Delhi to function under technical control of Addl DG(V).
2. Wing (R&S), New Delhi to function under technical control of Addl DG(L)

Government of India

Ministry of Defence

Department of Defence Production (DGQA)

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New Delhi, 15<sup>th</sup> March 2024

To

The Director General of Quality Assurance  
New Delhi - 110023

**SUBJECT: RE-ORGANISATION OF DIRECTORATE GENERAL OF QUALITY ASSURANCE (DGQA)**

Sir,

The existing setup of DGQA Organization is structured into technology specific 11 technical directorates at HQ level [including DQA(N) and DQA(WP)] and field establishments into four-tier structure – Director General at the top, Directorate at 2nd level, Controllerates at 3rd level and Quality Assurance Establishments at lowest or execution level.

2. Due to classification of defence products post corporatization of Ordnance Factory Board (OFB), recommendations of National Productivity Council (NPC) in its Study Report on "Organisational Study of DGQA", ongoing reforms of Govt. of India such as Make-in-India, Ease of Doing Business (EoDB) etc., a need has been felt for appropriate modifications in the extant organisational structure to maximize the output for users and also to ensure long term flexibility to adapt to changing technology and standards.

3. After discussion & deliberation with various stakeholders, the existing "Organisational Structure" [excluding DQA(N) and DQA(WP)] and field establishments has been modified taking into account the following:-

- (i) Faster decision making by reducing existing four tier into three tier.
- (ii) Uniformity in QA.
- (iii) Product based QA approach.
- (iv) Single Point of contact for Equipment/Weapons platform
- (v) Nodal/Single Point Tech Dtes and AHSP
- (vi) Single point CQAs for an Equipment and uniformity in procedures.
- (vii) Transparency in allocation of Proof and Testing facilities.

4. In the light of aforesaid, I am directed to convey the approval of the President to re-organise "Organisational Structure" of DGQA in the Department of Defence Production under the Ministry of Defence with immediate effect as detailed below.

5. The re-organised structural organogram of the DGQA is as per Annexure 'A'. A consolidated list of new Estts in Re-organised structure is as per Annexure 'B'.

6. **Revised Organisational Structure of DGQA:** In the re-organised structure of DGQA, there will be a total of 53 Establishments in place of existing 95 Establishments as categorized below in succeeding paragraphs:-

6.1 **Technical Directorate:** Technical Dte at apex level have been consolidated based on 21 broad Equipment Family aligned to Line Dtes of Service HQ handling respective Equipments. This provides a Single point of Contact for a particular type of equipment/weapon system/ammunition to the User as well as the Production Agencies.

6.1.1 In re-organised structure, 09 Tech Dtes have been consolidated into six by merging of 03 Tech Dtes as under:-

Tech Directorate	Merged with Tech Dte in Restructured Org
Directorate of Quality Assurance (Weapons)	Directorate of Quality Assurance (Armament)
Directorate of Quality Assurance (M&E)	
Directorate of Quality Assurance (EE)	Directorate of Quality Assurance (Vehicles)

6.1.2 Apart from DQA (Adm) and DQA (PP&T), 02 new Directorates i.e. Directorate of Quality Assurance (Region) {DQA(Region)} and Directorate of Defence Testing & Evaluation Promotion (DDTEP) have been created as per recommendation of NPC study.

6.1.3 DQA(Region) will provide QA and Capacity Verification(CV) Support for all types of product in 05 Regions across the country. Creation of DDTEP is aimed at bringing transparency in allocation of Proof and testing facilities in DGQA as well as other Govt Testing agencies. Proof Ranges of DGQA will be under this Dte and technical control of all Labs held with various Controllerates will also come under this Dte to facilitate ease of allocation of Testing facilities.

6.2 **Controllerates/AHSP:** Amalgamated multidisciplinary technology centres pertaining to Equipment/Weapon System, thereby converting into Product Centres to ensue single point services for smooth conduct of trials/evaluation/ATP formulation/QA.

6.2.1 In re-organised structure, 22 Controllerates/ AHSP are placed under the administrative control of 06 Tech Directorates. 16 Controllerates have been nominated as Product Centres which will provide Single Window AHSP support for a particular type of product. The following Controllerates/ AHSP have been merged/created/split/relocated:-

Sr.No	Controllerate	Merged/created/split/relocated	Remarks
1	CQA(M), Kanpur	Merged with CQA(PP), Kanpur	Merged entity renamed as CQA (PP&Mtr), Kanpur

Sr.No	Controllerate	Merged/created/split/relocated	Remarks
2	CQA (ME), Pune	Merged with CQA (Amn), Pune	CQA(Amn), Pune renamed as CQA (Amn & ME), Pune
3	NBCE Wing, Pune	Merged with CQA (FFE), Pune	Merged entity renamed CQA (FFE & NBC), Pune
4	CQA(OFV), Jabalpur	Split into SQAE(V), Jabalpur & QAE(OFV), Jabalpur	SQAE(V), Jabalpur merged with CQA(W), Jabalpur
			AHSP transferred to CQA(V), Ahmednagar
5	CQA(ALS), Jabalpur	SQAE(L), Jabalpur upgraded and will function as Controllerate/AHSP for Armament Electronics System.	AHSP components of Gun Systems of CQA(L), Bangalore & CQA (R&S), Secunderabad transferred to CQA (ALS), Jabalpur
6	CQA (BEML), Bengaluru	CQA (BEML) Bengaluru will relocate to KGF after merger of SQAE (BEML), KGF with it.	New entity will renamed as CQA (HMV), KGF

### 6.2.2 Product Centres for QA:

In the re-organised structure, there are 11 Resident QA Estts under various AHSP of Tech Directorates, 05 Regional Quality Assurance Estts (RQAEs) under DQA (Region). SQAE(L&S), Chandigarh and SQAE(A), Secunderabad will play dual role with DPSU and Trade. Newly created Directorate DQA(Region) will consist of 05 Regional Quality Assurance Estts (RQAEs). Area SQAEs of different Disciplines have been consolidated into RQAEs. These will be located in New Delhi, Mumbai, Kolkata, Chennai & Kanpur.

### 6.3 Proof Ranges

Existing Proof Ranges i.e. CPE, Itarsi & LPR, Khamaria have been placed under control of newly created Directorate i.e. DDTEP.

#### 6.4 Training Institute (01)

Defence Institute of Quality Assurance (DIQA), Bangalore will continue as a nodal agency for imparting Quality and Reliability training in DGQA, which will be developed as Centre of Excellence.

7. Due to corporatization of OFB and revised role of DGQA in providing QA cover 11 Estts as per Annexure 'C' have been closed. Manpower posted to these Estts have been re-deployed to other Establishments of DGQA.

8. The SOP for hierarchical functioning of re-organised structure of DGQA and accountability is placed at Annexure 'D'.

Encl: As above

  
(A.K. Srivastava)  
Deputy Secretary to the Govt of India

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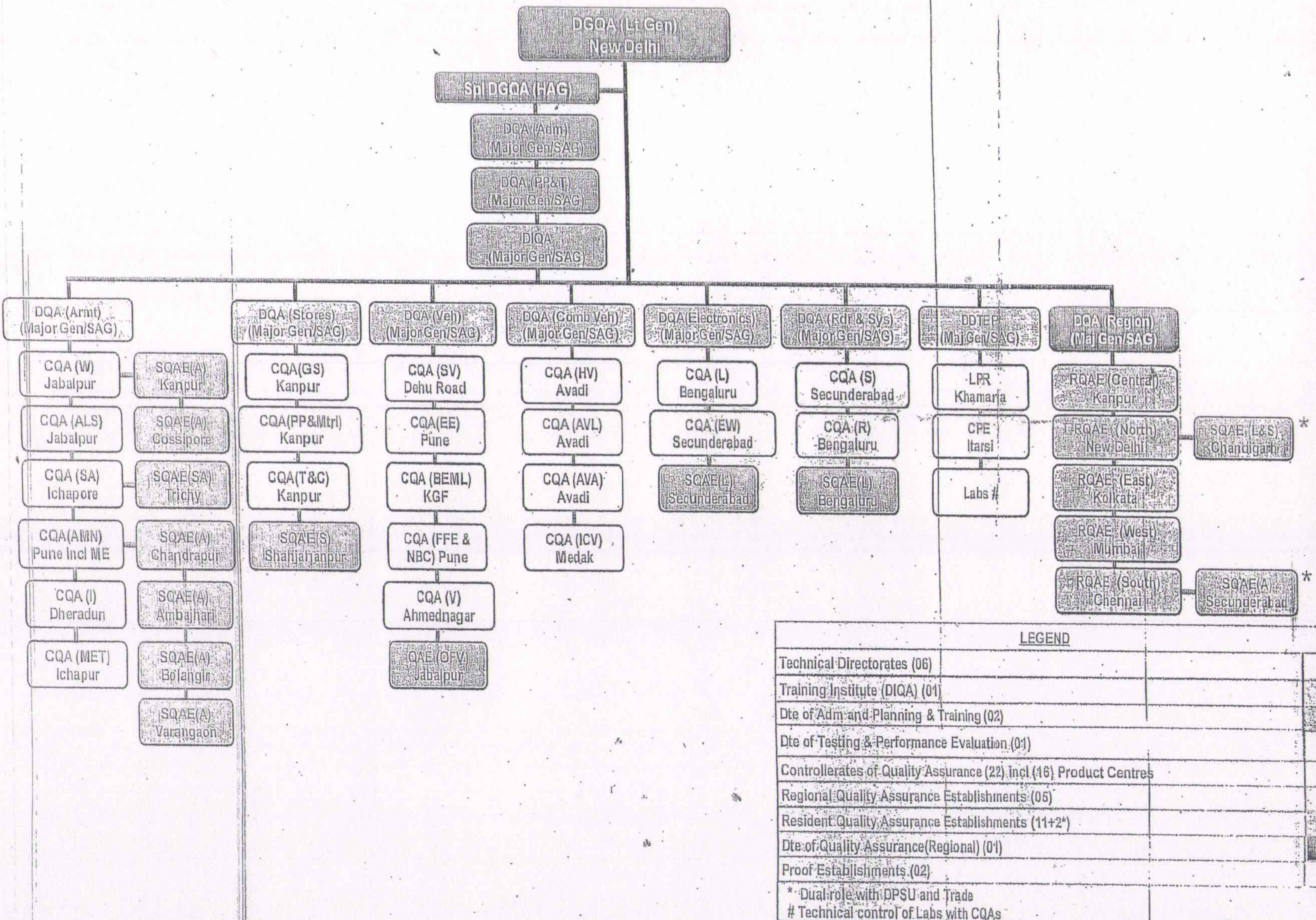
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38. PS to DDG/OSD(LS)/DDP
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40. D(QA)/DDP
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## RE-ORGANISED STRUCTURE



ANNEXURE-C

List of Closed Estts

S No	Name of Estt
1	SQAE(ME), Pune
2	SQAE(Happ), Trichy
3	SQAE(ME), Itarsi
4	SQAE(ME), Bhandara
5	QAE(Met), Katni
6	SQAE(Met), Muradnagar
7	SQAE(Met), Ambarnath
8	SQAE(Met), Ichapur
9	QAE(W), Ambarnath
10	SQAE(FG), Kanpur
11	SQAE(ME), Aruvankadu

Wb

for more information, visit [www.mca.gov.in](http://www.mca.gov.in)

(a) MPAI 2016 Act as amendment

(c) SAG 3/3/2016 under section 19(1)(b) of the Act

(d) SAG 2/3/2006 A.O. 2236 to 2016 for the same

Cause Analysis

(a) Army Training Role Alignment

(b) Quality & Relevance

Development, PTC, LPT, and PTC

PTC, LPT

Quality & Relevance

PTC, LPT

Quality & Relevance

## SOP FOR HIERARCHICAL FUNCTIONING OF DGQA ESTABLISHMENTS

### Introduction

1. DGQA is organized into a hierarchical structure comprising of Technical Dtes, Controllerates and Field Establishment. Role & Functions of each level of hierarchy is explicitly defined in various guiding documents and instructions. However, it has been observed that each level refers technical issues to higher offices leading to undue delay in resolution of matters related to QA and Technical Evaluation/ Testing. With the advent of 'Make in India' and increased participation of Private Defence Industry, there is a need to enhance organizational efficiency at each level of functioning so as to enable quick decision making with minimized points of interface, thereby promoting 'Ease of Doing Business'.

### Aim

2. Aim of this SOP is to lay down clear functional boundaries for various tiers of DGQA organization with clear demarcations of roles and responsibilities to enable quick decision-making and resolution of procurement/ production related issues of stakeholders at local level.

### References

3. Quality Assurance related documents as given below will form the basis for functioning of Estts,

- (a) DAP 2020 and its amendments.
- (b) DPM 2009 and its amendments.
- (c) SAO 1/S/2010 on AHSP responsibilities.
- (d) SAO 2/S/2006, AO 323/66 and AO 8/93 on Defect Investigation and Root Cause Analysis.
- (e) Army Training Note ATN/130012/HO Trg of 2010.
- (f) Quality & Reliability Assurance Framework and procedure for Development, Production and Sustenance of Land System (JSG 0829:2023)
- (g) Comprehensive QA Guidelines (JSG 0824:2024)
- (h) QMS Manual for AHSP & Field Estts. (JSG 0833:2024)
- (i) QA Manual for Major Family of Equipment.

### Functioning of Various Echelons of DGQA

4. Technical Directorates. Quality & Reliability Framework and Procedure for Design, Development, Production and Sustenance of Land System will be the guiding document for all Technical Directorates. Equipment being procured and

sustained by different user Directorates have been brought under 21 broad categories based on technology and DGQA Technical Directorates have been reorganized accordingly. These Single Point Technical Directorates will be answerable to respective branches of Service HQ for all matters pertaining to particular type of equipment/ weapon system/ ammunition. Broad scope of work will be as follows.

- (a) Formulate policies/ guidelines/ directives pertaining to efficient functioning of Controllerates under respective Dtes.
- (b) Assist Procurement Agency in Capital Procurement by suggesting QA parameters in GSQR RFI/ RFP, AoN, TEC, FET/ Tech Trials, CNC and Contract finalisation as per of DAP guidelines.
- (c) Compilation and analysis of inputs from Product Centers and Controllerates and forwarding the same to Service HQ/ OPA as a part of DAP processes.
- (d) Provide inputs to DDP/ MoD on all QA/ testing matters pertaining to respective disciplines.
- (e) Internal Staffing of technical manpower for functioning of lower echelons and monitor progress of MoD schemes.

5. **Controllerates.** Multi-disciplined Technology centres pertaining to a particular type of Equipment/ Weapon System have been amalgamated thereby converting it into Product Centres. 25 erstwhile AsHSP have been reorganized into 16 Single Point Product Centres and six associated Technology Centres. Controllerates holding main equipment technology will provide single window access to all stakeholders and will be responsible for single point resolution of issues related to all sub systems/ assemblies of the store. Controllerates have been mapped with six Technical Dtes at Apex level as per the domain technology. Broad scope of work will be as follows.

- (a) Hold and prepare documents as mandated for production/ sustenance.
- (b) Main Controllerate to formulate QAP/ QAI/ ATP for procurement cases in mutual consultation with Production Agency/ Designer. Quality Manual for each family of equipment will be guiding document for the purpose.
- (c) Issue monitoring instruction and QAP/ ATP to Field QA Estts and undertake review of ATPs based on technical inputs.
- (d) Undertake Technical Evaluation of new products.
- (e) Issue Proof Schedule to Proof Ranges for testing of weapon/ ammunition being evaluated.
- (f) Ensure Configuration Management and enable use of alternate material / upgrade as per relevant SoP.

(g) Provide technical inputs to respective Single Point Directorates for Procurement Cases.

(h) Handhold vendors during Advance Sample evaluation for according BPC, whenever mandated.

(j) Undertake Defect Investigation as a Single Point Agency of DGQA.

(k) Maintain repository of Capacity Assessment (CA)/ Capacity Verification (CV) as per mandate.

(l) Process cases for GCS, SCS & TPI received from Indian Defence Industry.

6. **Field QA Estts.** Common QMS Manual will be the guiding document for functioning of all QA Estts with mandate as given below.

(a) **Regional QA Estts.** Area SQAEs have been consolidated at regional level for facilitating single point services to local vendors. These Regional QA Estts located in 05 regions across country will function under DQA (Regional). QA Estts will undertake inspection of stores as per governing QAP/ ATP provided in the contract. They will monitor the progress of Supply Orders and analyse reasons for delay and intimate higher authorities and OPA. Only conflicts/ observations pertaining to QAP/ ATP will be referred to controllerate responsible for that equipment and all issues related to QA will be resolved by QA Estts. CA/ CV will undertaken expeditiously by involving local reps from different discipline as per the nature of product. Following functions will be performed by QA Estts:-

- (i) Provide QA Coverage for bulk production.
- (ii) Assist in Form, Fitment & Function.
- (iii) Capacity verification of Firms.
- (iv) Process Audit of Self Certification & Green Channel certified products.
- (v) Identify new means of QA in consultation with suppliers and encourage Remote Inspection & Audits.

(b) **Resident QA Estts.** QA Cover will be provided by them to respective OFs/ DPSUs based on categorisation of products by DDP Committee and ATPs agreed in the Deemed Contract. Only issues requiring amendment/ clarification to QAP/ ATP will be referred to AHSP.

7. **Proof Ranges.** Proof Ranges will function under Directorate of Testing and Evaluation Promotion (DDTEP). Lab portal being developed under Digital DGQA Program will be utilized for transparent allocation of proof and testing facilities for this purpose, all Small Arms Ranges/Testing Labs of DGQA will be placed under technical control of DDTEP).

8. Methodology for Addressing Issues/ Queries of Procurement and Production Agencies.

- (a) All technical issues related to inspection/QA/CA/CV will be resolved at Field Estts Level by taking considered decision based on guiding documents and contract provisions.
- (b) Unresolved matters pertaining to ATP/ QAP/ Proof Schedule will only be referred to concerned Controllerate who will be final authority to resolve these at the earliest in consultation with OEM/ Designer.
- (c) Only issues requiring policy clarification/ amendment in consultation with OPA/ MoD will be referred to Tech Dtes for consideration. Tech Dtes will take prompt action on these matters and give decision after due consultation with stakeholders.
- (d) A nodal contact point will be established at Controllerate and Tech Dte levels to address representation, if any, from Production Agencies. All representations will be recorded in the database and monitored till resolution. These Nodal Officers will provide inputs to Defence Industry Quality Assurance Monitoring Cell (DIQAMC) established at HQ DGQA level.

9. The SOP will be followed in letter and spirit by all Establishments and will be reviewed for any amendment in case of necessity.