

Directorate General of Aeronautical Quality Assurance



गुणस्य कुशलम् नभे पराक्रमः

“I returned to Delhi and enquired at the DTD&P(Air) about the outcome of my interview. In response, I was handed my appointment letter. I joined the next day as Senior Scientific Assistant on a basic salary of Rs 250/- per month. If this was to be my destiny, I thought, let it be so. Finally, I was filled with mental peace.”

“During my first year in the Directorate, I carried out a design assignment on supersonic target aircraft with the help of the officer-in-charge, R Varadharajan, and won a word of praise from the Director, Dr Neelakantan.”

-Dr APJ Abdul Kalam



ABOUT US

Directorate General of Aeronautical Quality Assurance (DGAQA) {erstwhile D T D & P(Air)} is privileged of being the first professional work place of Dr APJ Abdul Kalam, Honorable Former President of India & Eminent Scientist {Privileged Years 1958-61}. This organisation under Department of Defence Production, Ministry of Defence is the Regulatory Authority for Quality Assurance and final acceptance of Military Aircraft, Unmanned Aerial Vehicles (UAVs), Aero Engines, Airborne Systems, Avionics, Armaments, Consumables (FOL Stores), Allied Ground Systems and Missiles during acquisitions (including imports), indigenous Design & Development, Production, Repair, Modification and Overhaul at various Defence PSUs, Ordnance Factories and Private Firms.

Capacity Assessment & Registration of Firms, Test House Approval, Defect Investigations, Standardization and Technical Support to the Users, Ministry of Defence, Production and Design & Development Agencies are other mandated roles for DGAQA.

The establishments under this organisation are spread all over the country in Defence Public Sector Undertakings, Ordnance Factories, DRDO Labs and Private Firms.

DGAQA is also the nodal agency for Missile System Quality Assurance Agency (MSQAA) and Strategic Systems Quality Assurance Group (SSQAG).

Under defence export promotion scheme, DGAQA issues Certification of military aviation stores which enable Indian manufacturers to scale-up to the international standards & compete in global market of defence products. With Third Party Inspection (TPI) framework DGAQA has extended rationale towards committed quality to the far-most work centre of defence manufacturing.

‘Make in India’ is driving all possible efforts of DGAQA through regulatory functions in Indian Defence Manufacturing Diaspora.

MISSION

“To transform and perfect the mechanism of DGAQA's regulatory functions so that all those involved, do the right thing, first time and every time.”

VISION

“To create and sustain an environment of mutual trust and 'Self Control' amongst the various agencies involved in development / production of Aviation products for Defence.”

VALUES

- *Quality is our heritage*
- *Integrity is our character*
- *Technical competence is our strength*
- *Value addition is our contribution*
- *Honesty is our hallmark*
- *Accountability is our watchdog*
- *Mutual trust is our culture*

DGAQA INTERACTIONS:



PROJECTS OVERSEEN



IJT



AJT-HAWK



LCH



ALH



UAV

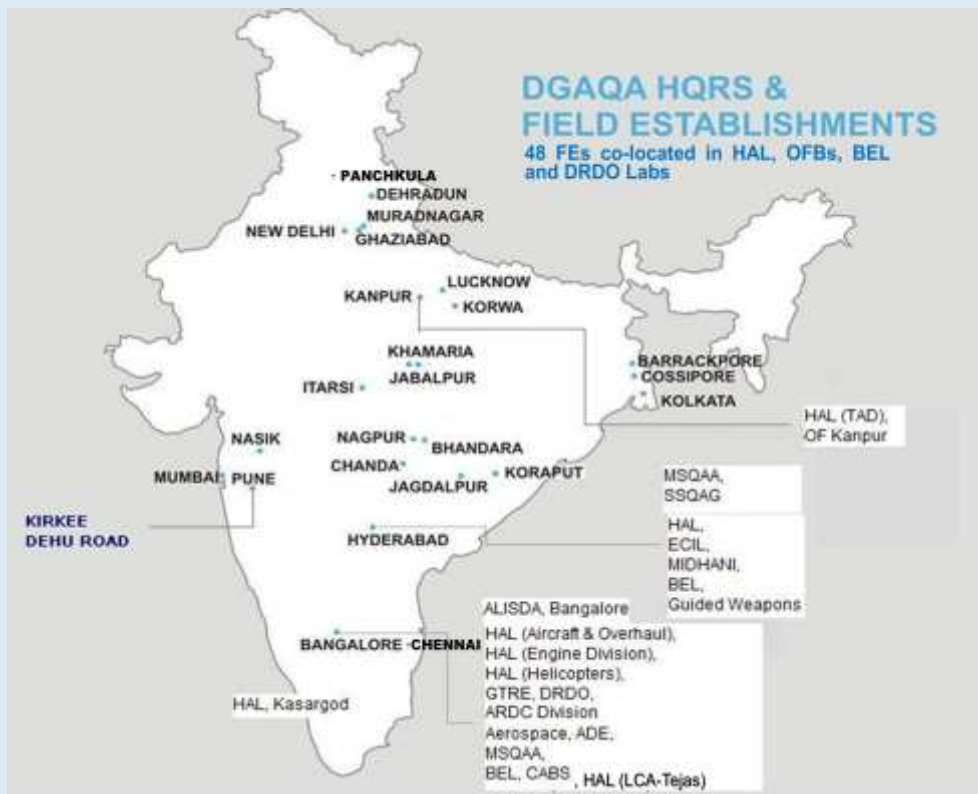


MIRAGE-2000



SARAS

ACROSS COUNTRY REACH:



PROFESSIONAL EXCELLENCE:

- Over a hundred AS 9100 lead auditor course trained professionals in the workforce.
- Enormous Institutional experience of over 67 years.
- Cutting edge technological exposure with world aviation pioneers.
- QA regulator for all air defence systems i.e. Fixed wing/Rotary wing Aircrafts, Missiles, Strategic Systems, Air-Armaments, RPAs, Radars, Aero-Engines etc.

PROJECTS OVERSEEN



LAKSHYA PTA



KIRAN Mk-I/II



DORNIER



HS-748 AVRO



HTT-40



Su30 MKI

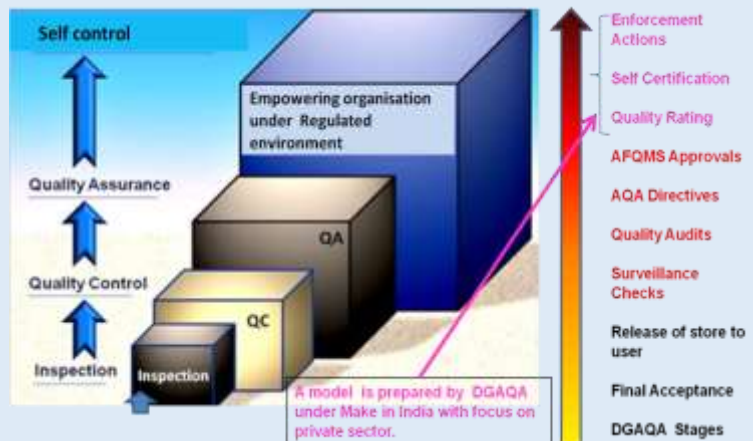


LUH

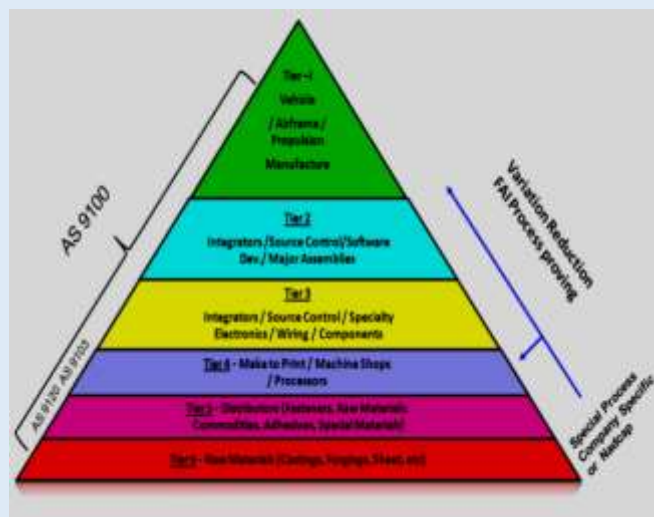
QA FRAMEWORK:



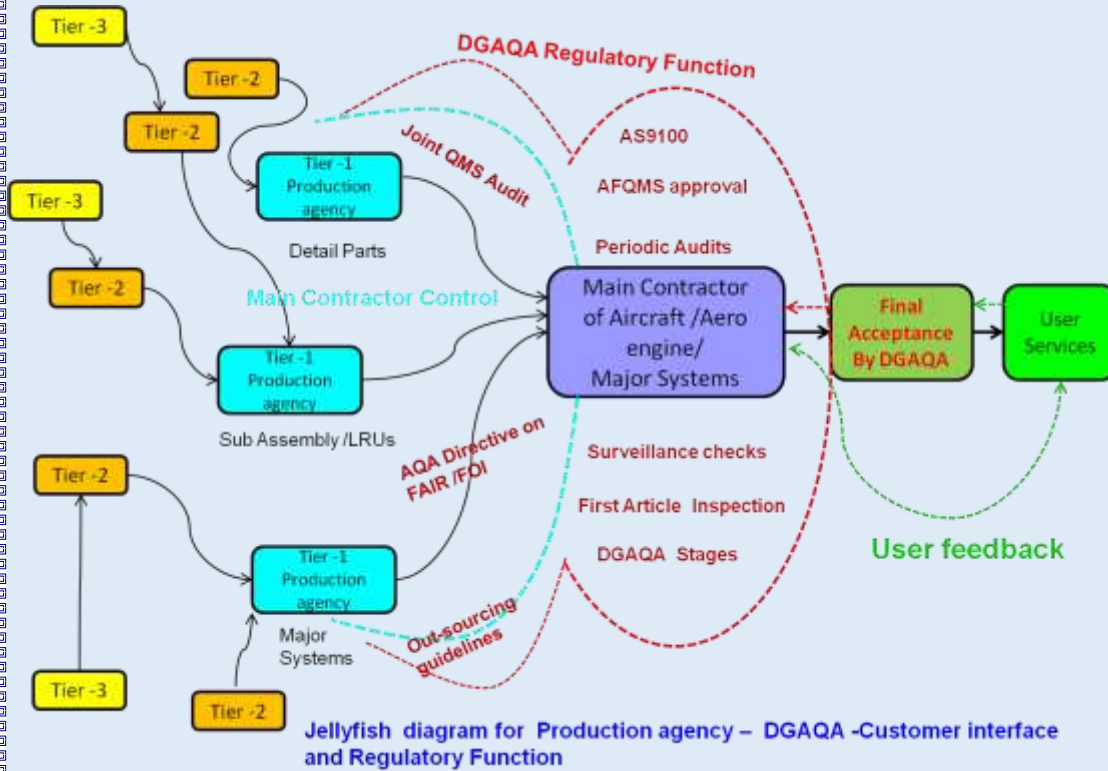
MOVING TOWARDS SELF REGULATION:



ENABLING & OUT-REACH:



QA METHODOLOGY:



PROJECTS OVERSEEN



JAGUAR



MiG 21



LCA-TEJAS



MiG 27



AGNI MISSILE SERIES



PRITHVI



HELINA

QUALITY RATING MATURITY MODEL:



- IAQG Global reference for Benchmarking
- Quality Performance Indicator (QPI) framework
- Optimal interface with AQA regulator
- Objectification of enhanced delegation for certification of in-process tasks, critical components & LRUs
- Quality rating on the scale of 1-5

PROJECTS OVERSEEN



TRISHUL



NAG



BRAMHOS



NIRBHAY



ASTRA



INDRA

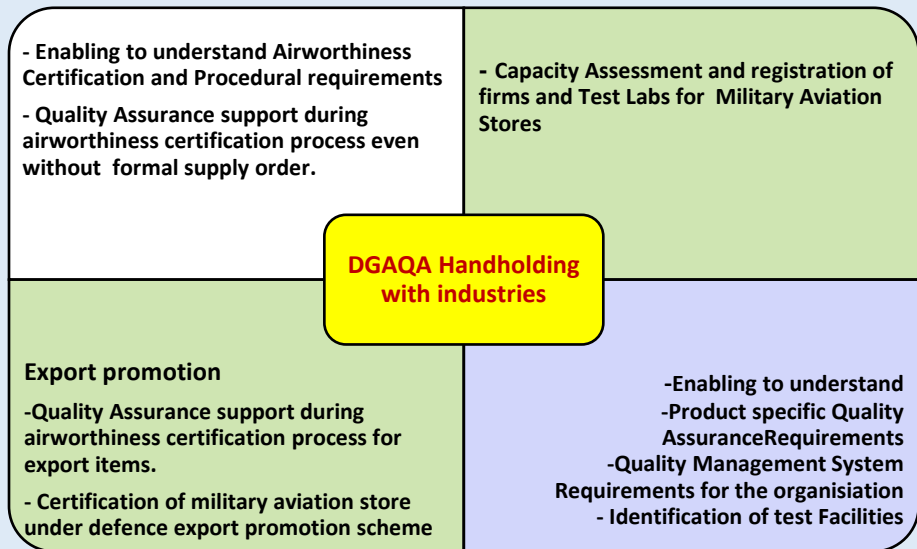


TAIL PARACHUTE

INDIGENIZATION PROSPECTIVE:



FACILITATION TO MSMEs FOR INDIGENOUS MANUFACTURING OF DEFENCE EQUIPMENTS TOWARDS 'ATMANIRBHAR BHARAT' AND 'MAKE IN INDIA':



FROM THE DIRECTOR GENERAL'S DESK:



Shri S Chawla, DAQAS, Director General, AQA

Military Aviation envisages pushing the engineering limits of man and machine to the next level every time. It demands the highest standard of quality throughout the product realization phases which can only be ensured by generating belongingness, responsibility and proud among the people involved in this.

DGAQA through AFQMS (Approval of Firm and its Quality Management System) framework has been consistently providing Quality Assurance for the military aviation products produced by DPSUs, DRDO Labs, OFBs, Oil refineries, Pvt Industry etc and being supplied to defence forces and for exports.

Managing current and future challenges for stringent Quality requirement in Aviation industries is an area of a great concern; the challenges are likely to become more complex and multifold with Government's thrust on "Atmanirbhar Bharat Abhiyaan" and "Make in India" program. DGAQA encourages industries and extend professional excellence in supporting and guiding them in order to enable them become major role players in the Defence Aviation manufacturing sector.

DGAQA is expanding its horizon in the domains of Capacity Assessment and Registration of Vendors / Test Labs, Certification under Defence Export Promotion Scheme, Approval of TPI bodies for utilization by DPSUs, Handholding with Pvt Industry for QA during airworthiness certification even without formal supply orders under Defence Export Promotion Scheme.

I am confident that industry will meet the expectation to produce military aviation products with highest quality and become partner in the global supply chain. DGAQA is committed to ensure Complete Flight Safety through Quality Assurance.

Jai Hind !

S Chawla
Director General, AQA



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