

The following Table summarizes the Nawah Quality Assurance requirements for each supplier category and the quality classification of the procured item or service

I. **Table 1: QA requirements:**

Type of Supplier	Code Requirement	Nawah QA requirement	Nawah Qualification method
1. <u>Manufacturer of Safety related Items (Q Class) requiring ASME certificate</u>	ASME certificate required (N, NPT, NV, NS, NA, etc.).	<ul style="list-style-type: none"> Valid ASME certificate. NQA-1 -1994 1995 addenda 	<ul style="list-style-type: none"> On-site Nawah audit. or Nawah desktop audit based on NUPIC or other acceptable third party audit Valid ASME or equivalent KEPIC Certificate
2. <u>Manufacturer of Safety related Items (Q Class) not requiring ASME certificate</u>	No ASME Certificate required	<ul style="list-style-type: none"> NQA-1 -1994 1995 addenda 	<ul style="list-style-type: none"> On-site Nawah audit. or Nawah desktop audit based on NUPIC or other acceptable third party audit
3. <u>Material Organization supplying ASME Section II Material for Section III application</u>	ASME Quality System Certificate (QSC) NCA 3800/3900 or KEPIC Equivalent	None	<ul style="list-style-type: none"> Nawah desktop audit based on valid QSC NCA 3800/ 3900 or KEPIC Equivalent
4. <u>Manufacturer of "T & R" items requiring ASME certificates</u>	ASME certificate required	<ul style="list-style-type: none"> "Augmented Quality": acceptable industrial QA program (e.g. ISO 9001) + additional requirements). 	<ul style="list-style-type: none"> Nawah desktop audit of implemented QA Program or Nawah on-site audit Valid ASME or equivalent KEPIC certificate Valid ISO 9001, if qualified based on ISO 9001

<p>5. <u>Manufacturer of “T & R” items not requiring ASME certificates</u></p>	<p>No ASME Certificate required</p>	<ul style="list-style-type: none"> • “Augmented Quality”: acceptable industrial QA program (e.g. ISO 9001) + additional requirements). 	<ul style="list-style-type: none"> • Nawah desktop audit of implemented QA Program or Nawah on-site audit. • Valid ISO 9001, if qualified based on ISO 9001
<p>6. <u>Manufacturer of “S” Class items</u></p>	<p>NO NASL qualification required for S class. Use of Industrial QA program. End user to specify requirements.</p>		
<p>7. <u>Stocking Distributers of Safety Related Items</u></p>	<ul style="list-style-type: none"> • Manufacturers supplying the items shall be in the NASL as per 1 or 2 under manufactures. • Distributer to implement applicable elements of NQA-1 -1994 1995 addenda 		<ul style="list-style-type: none"> • On-site Nawah audit. or • Nawah desktop audit based on NUPIC or other acceptable third party audit • Documented evidence that the manufacturer authorizes the distributor.
<p>8. <u>Stocking Distributer of ‘T’ & ‘R’ items</u></p>	<p>No ASME Certificate required</p>	<ul style="list-style-type: none"> • Manufacturer on Nawah NASL or listed under the distributor’s authorized manufacturers list. 	<ul style="list-style-type: none"> • Nawah desktop audit of implemented QA Program or Nawah on-site audit. • Valid ISO 9001, if qualified based on ISO 9001 • Documented evidence that the manufacturer authorizes the Distributer.
<p>9. <u>Non stocking Distributer for Q/T/R items</u></p>	<p>No ASME Certificate required</p>	<ul style="list-style-type: none"> • All items shipped to Nawah directly from manufacturer. • Documented evidence that the manufacturer 	<ul style="list-style-type: none"> • The manufacturer shall be qualified in NASL as per 1, 2, 4 or 5.

		authorizes the distributor.	<ul style="list-style-type: none"> Documented evidence that the manufacturer authorizes the Distributer.
<u>10. Agent</u>	<ul style="list-style-type: none"> The supplier shall produce a letter from the manufacturer authorizing them as an agent with a start date and expiry date. All items shipped to Nawah directly from manufacturer. 		<ul style="list-style-type: none"> The manufacturer shall be qualified in NASL as per 1, 2, 4 or 5. Documented evidence that the manufacturer authorizes the agent.
<u>11. Commercial Grade Dedication Providers</u>	No ASME Certificate required	<ul style="list-style-type: none"> NQA-1 -1994 1995 addenda Shall have testing facility in house or use accredited facilities qualified by the supplier Shall procure items for dedication from authorized distributors to avoid entry of "CFSI". 	<ul style="list-style-type: none"> On-site Nawah audit. or Nawah desktop audit based on NUPIC or other acceptable third party audit
<u>12. Calibration / Testing Service Providers:</u>	No ASME Certificate required	<ul style="list-style-type: none"> ISO 17025 compliant program 	<ul style="list-style-type: none"> Nawah onsite Survey/ Audit or A desktop audit of Program audited and accepted by a registrar acceptable to Nawah
<u>13. Service Providers Safety Related (Q Class)</u>	ASME Certificate required if performing code work or shall employ a certificate holder	<ul style="list-style-type: none"> NQA-1 1994 1995 Addenda Implemented elements applicable for the scope of work 	<ul style="list-style-type: none"> On-site Nawah audit. or Nawah desktop audit based on NUPIC or other acceptable third party audit

<p>14. <u>Service Providers Augmented Quality (T/R Class)</u></p>	<p>ASME Certificate required if performing code work or shall employ a certificate holder</p>	<ul style="list-style-type: none"> Acceptable industrial QA program (e.g. ISO 9001) + additional requirements). 	<ul style="list-style-type: none"> Nawah desktop audit of implemented QA Program or Nawah on-site audit Valid ISO 9001, if qualified based on ISO 9001
<p>15. <u>Non safety related services (S class)</u></p>	<p>NO NASL qualification required for S class. Use of Industrial QA program. End user to specify requirements.</p>		

Important Notes:

- a) **KEPIC certificate is acceptable equivalent to ASME certificate for Korean suppliers.**
- b) **Korean Electrical Class 1 E suppliers to have KEPIC EN certificate.**
- c) **Commercial Grade Dedication is not an option for ASME Section III NB/NC/ND items or equivalent KEPIC code items.**
- d) **ISO 9001 and ISO 17025 Registrars shall be acceptable to Nawah (see QA-PRC-0014 attachment 2)**
- e) **Nawah QA Manual is based on ASME NQA-1 1994, 1995 addenda and ANSI 3.2 2012. However, the suppliers who implemented later version of NQA-1 is acceptable to Nawah.**
- f) **Additional requirements for T/R items to be identified by Engineering/ Procurement Engineering and are included in Nawah purchase order.**
- g) **For S class items or services: No NASL qualification required. Use of Industrial QA program. End user to specify requirements.**
- h) **Case of overseas suppliers:**
 - **Case 1 / overseas supplier requiring ASME Nuclear Certificate:**

Such supplier shall have an NQA-1 / 10 CFR B 50 program.
They can be qualified based on Nawah onsite audit or desktop audit based on Nupic audit.
 - **Case 2 / overseas supplier not requiring ASME Nuclear certificate :**

Nawah will provide a coverage matrix form, and supplier needs to ensure that they can meet the requirements of Nawah. In normal case, if a supplier has previously done similar work for a running nuclear utility, the gaps will be minors. The supplier will have to identify how they are meeting each one of Nawah's requirements and how they will bridge the gaps, if any.
After getting conformance from supplier, Nawah will perform an onsite audit.
If the gaps are minimum, Nawah will qualify with restriction.
If the gaps are considerable, Nawah will ask the supplier to fix the gaps prior to qualification.
- i) **Case of UAE suppliers:**
 - **Case 1 / Local supplier providing Services only:**

Supplier can work under Nawah QA program where supplier personnel need to meet Nawah qualification requirements and they will work as augmented staff.

- **Case 2** / *Local supplier acting as an agent for overseas qualified suppliers to provide safety related items:*

Supplier starts implementing nuclear quality program in stages in the UAE and slowly transfer the manufacture/ other activities from overseas to UAE.

- **Case 3** / *Local supplier to implement Nuclear quality program:*

This requires the supplier to have developed and implemented manual and procedures and prepared demonstrative work to demonstrate that they can perform activities. Nawah will initially qualify based on the demo work and will introduce some hold points, to ensure that the actual performance meet Nawah requirements. Nawah may opt for intrusive surveillance.