1.0 PURPOSE

To define visual acuity requirements for persons performing visual evaluation.

2.0 SCOPE

This requirement applies to personnel and suppliers that perform visual evaluation for product. Persons performing Visual Evaluation include:

- All Inspection Department Personnel (including Non-Destructive Test – NDT)
- All Test Stand Operators
- All Certified Operators and Inspectors
- Engineering Technicians
- Calibration / Instrument Standards Personnel
- Quality Department personnel. (i.e., QE’s, Auditors, source inspectors, etc.).
- Customer Service (Repair Station) Personnel performing inspection
- Preliminary Review and Material Review Board Members
- Contracted Source Inspection Personnel
- Supplier Inspection Personnel - Certain Suppliers such as Raw Material Distributors where visual evaluation is minimal may be exempted from this requirement with approval of the Quality Manager. Changes to the suppliers’ scope of approval require re-evaluation of the waiver.

3.0 APPLICABLE DOCUMENTS

QCP 13.0 Control of Quality Records
ARG 2.4-1 Eye Examination
FC 9329 Depth Perception, Color-vision Waiver Form
QCP 11.0.2 Preliminary Review Board Members and Material Review Board Members

4.0 PROCEDURES

4.1 Eye examinations shall be performed by medically trained and qualified personnel.
4.2 Eye Examination Requirements

4.2.1 Persons subject to this QCP shall receive an annual eye examination. Exams shall be completed within 30 days of the one year anniversary of the last exam, or sooner. If correction is required to meet this visual acuity standard, such correction shall be used by the individual when performing visual evaluations.

4.2.1.1 Authorization to perform visual inspection shall be required by the Quality Manager for personnel who fail to take their eye exam beyond a two-month time interval.

4.2.1.2 Personnel returning from medical leave of absence shall be subject to verification of satisfactorily meeting the requirements of section 4.2.4.

4.2.2 At Eaton, the Hiring Manager shall be responsible for identifying employees subject to this QCP. The Human Resources department shall be responsible for adding employees to the vision exam roster.

4.2.2.1 At Suppliers; An individual shall be designated who will be responsible for identifying qualifying personnel and maintaining the eye examination results at the supplier site, as required.

4.2.3 Personnel who do not successfully complete a visual acuity examination shall be prohibited from inspecting or accepting product. Work performed by personnel listed in section 2.0 shall be subject to an over-inspection until the visual acuity examination has been administered and passed.

4.2.4 The eye exam candidate shall demonstrate the following vision in one or both eyes, either corrected or uncorrected:

**NDT Inspectors** (FPI, MPI & RT only):
- Near Vision - Snellen 20/25 minimum or equivalent.
- Color Vision: Average or normal (4 of 6 responses Titmus, B&L, or AO testing machines, or satisfactory response when tested with Ishihara or Pseudoisochromatic plates). Testing for color vision shall, as a minimum, be prior to certification or recertification.

**Other Personnel** (identified in Para 2.0):
- Near Vision - Snellen 20/25 minimum or equivalent.
- Color Vision: Same requirements as for NDT Inspectors.
- Depth Perception – Pass / Fail determined by Ortho-Rater or equivalent

4.3 Persons who do not meet the visual acuity requirements of paragraph 4.2.4 above shall not perform visual evaluation.

4.4 Eaton personnel Eye Examinations: Eye examination results will be documented on the eye examination form ARG 2.4-1.
- Human Resources shall maintain records of eye examination results.
- Employees shall review form content for accuracy prior to sign off.

4.4.1 The Human Resource Department will notify the Manufacturing Quality Manager and the candidate’s supervisor immediately of eye exam failures or missed appointments.

4.4.2 Inspection supervisors shall make an effort to arrange their inspectors’ workday to minimize eye fatigue and ensure alertness during the performance of visual inspections.

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4.5  Non-correctable Vision Requirements

4.5.1  Eaton Employees: Quality Management shall review employee job responsibilities upon vision exam failure. Employees are prohibited from performing inspection-related tasks in cases where vision requirements specified in par. 4.2.4 are necessary to determine product conformance. Any confirmed restrictions shall be noted on eye examination form ARG 2.4-1 and a Vision Waiver Form - FC 9329 Depth Perception, Color-vision Waiver Form.

4.5.2  Suppliers: The Supplier’s Quality Management shall review employee job responsibilities upon vision exam failure. Employees are prohibited from performing inspection-related tasks in cases where vision requirements specified in par. 4.2.4 are necessary to determine product conformance. These review(s) shall be documented.

5.0  RECORD RETENTION AT EATON

Eye examination records will be maintained by Human Resources and record retention in accordance with QCP 13.0 - Control of Quality Records.