VISUAL ACUITY REQUIREMENTS FOR VISUAL EVALUATION

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:

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- All Inspection Department Personnel (including Non-Destructive Test – NDT)
- All Test Stand Operators
- All Assemblers
- All Certified Operators and Inspectors

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- Calibration / Instrument Standards Personnel
- Quality Department personnel. (i.e., QE's, Auditors, etc.).
- Customer Service (Repair Station) Personnel performing inspection
- Preliminary Review and Material Review Board Members
- Supplier Inspection Personnel authorized to accept product without subsequent Eaton Inspection Department verification (100% or to an approved sampling plan) - see Approved Vendors List. (AVL)

3.0 APPLICABLE DOCUMENTS

QCP 13.0 Control of Quality Records

ARG 2.4-1 Eye Examination

QCP 11.0.2 Preliminary Review Board Members and Material Review Board Members

4.0 PROCEDURES

ϕ 4.1 Eye examinations shall be performed by medically trained and qualified personnel.

ϕ 4.1.1 For Eaton supplier personnel, eye examinations shall be performed by supplier authorized sources.

4.2 Eye Examination Requirements and Eye Fatigue

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.

ϕ4.2.1.1 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 4.2.2.

4.2.2 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 Personnel who do not take the visual acuity examination within the limitations of section 4.2.2 shall be prohibited from accepting product. Work performed by a Certified Operator/Inspector shall be subject to an over-inspection until the visual acuity examination has been administered and passed.

4.2.3 Suppliers: The Quality Assurance Manager and/or Inspection Supervisor shall be responsible for identifying and maintaining the eye examination results at the supplier site, as required.

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

NDT Inspectors (FPI, MPI & RT only), Near Vision:
20/25 or better, Snellen or equivalent.

Color Vision: Average or normal (4 of 6 responses Titmus, B&L, or AO testing machines, or satisfactory response when tested with Isihara or Pseudoisochromatic plates). Testing for color vision shall, as a minimum, be prior to certification or recertification.

Depth Perception - Pass/Fail determined by Ortho-Rater

Other Personnel identified in Para 2.0, Near Vision:
20/25 or better, or equivalent.

Color Vision: Same requirements as for NDT Inspectors.

Depth Perception - Pass/Fail determined by Ortho-Rater or equivalent

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

4.4 Eye examination results will be documented on the eye examination form. Human Resources shall maintain records of eye examination results.

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.

ϕ 4.4.2 Non-correctable Vision: 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 Form ARG 2.4-1 and maintained in Human Resources.

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

5.0 RECORD RETENTION

5.1 Eye examination records will be maintained per QCP 13.0 Control of Quality Records.

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