

## Overhead Crane Operator/ Rigger Annual Review Outline:

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This outline is provided as a guide to help in the annual review of Overhead Crane operators and Riggers. It is the responsibility of the operator's/rigger's supervisor to ensure that operators/riggers are trained in accordance with NASA STD-8719.9

### **Section 4: OVERHEAD CRANES**

Stated in section 4.6.2 "This may be conducted informally by local supervisory personnel"

### **Section 10: SLINGS AND RIGGING**

Stated in section 10.6.2 (a) (3) "An annual review by supervision or other designated personnel of each individual's performance as a rigger or operator/rigger to assure adequate proficiency in performing the necessary rigging tasks in a manner consistent with the principals, methods, and techniques associated with safe rigging practices.."

**(1) To satisfy the annual review requirement in NASA 8719.9, you may either:**

**(a) Complete a proficiency review given by the supervisor;**

*There is no requirement for the supervisor to be qualified on the equipment to certify their employees. By certifying the employee as able to successfully and safely conduct operations, the supervisor is attesting that the employee's performance is up to standards, that the employee is cognizant and knowledgeable of the annual review training requirements and that the employee can safely perform operations. If the supervisor does not feel qualified to make this determination, (s)he may approve and obtain the opinion and review of another qualified supervisor or a certified Crane Operator/Rigger with more than 5 years experience at GSFC Overhead Lifting Operations.*

**(b) Complete a written annual review exam supplied by the LDE Program;**

*Upon request, a written exam will be supplied for the Crane Operator/Rigger to complete and submit to the LDE Training Specialist for grading. Upon completion of the exam, the LDE Training specialist will inform the Supervisor /Reviewer that a candidate has satisfactorily completed the review exam.*

**(c) Enroll the employee in an available refresher course. (Cost may be incurred); or**

**(d) Contact the LDEM to witness use of the LDE by the Operator/Rigger as scheduling permits.**

### **Certifications and Medical Exams**

The NASA Standard for Lifting Devices and Equipment, NASA-STD-8719.9, Section 4.6 and 10 .6 respectively, requires that all Crane Operators/Riggers are certified and trained. Operators are required to maintain a current medical exam. Certification and medical exam are only valid for two years.

### **General Performance Standards and Requirements**

- OSHA Standard 29CFR 1910.179, Overhead and Gantry Cranes.
- OSHA Standard 29CFR 29 CFR 1910, Subpart 1 Personal Protective Equipment.
- NASA STD-8719.9 Standards for Lifting Devices and Equipment
- GPR8719.1 Certification and Recertification of Lifting Devices and Equipment
- GPR8834.1 Lifting Operations Requirements

### **Evaluation should include but is not limited to:**

#### **Safety**

- NASA-specific requirements
- GSFC-specific requirements
- Safe rigging procedures
- Safe crane operations
- Overhead crane emergency procedures
- General performance standards
- Pre-operational checks and Daily Inspection Checklist
- Safety-related defects and symptoms
- Specific hazards
- Special procedures associated with critical lifts (Critical lift operator training only)
- Use of standard hand signals

### **Hands-On Operational Demonstration Showing Proficiency**

The hands-on proficiency review is at the discretion of the supervisor/reviewer and should be demonstrated only as needed.

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If there are any questions please direct correspondence to the LDEM, Brian Montgomery @ [brian.j.montgomery@nasa.gov](mailto:brian.j.montgomery@nasa.gov) Or LDE Training Specialist, Joe Selba@ [joseph.p.selba@nasa.gov](mailto:joseph.p.selba@nasa.gov)

The NASA Standard for Lifting Devices and Equipment, NASA-STD-8719.9, Section 4.6, requires that all Overhead Crane operators are certified and trained. To maintain a valid certification, an annual review is required. The review may be conducted by local supervisory personnel or designee and at a minimum shall include the following instruction:

- Safety
- Overhead Crane Emergency Procedures
- General Performance Standards Requirements
- Pre-operational Inspection
- Safety Related Defects and Symptoms
- Hands-On Operational Demonstration Showing Proficiency(*at the discretion of the Supervisor*)

Operators are responsible for maintaining a current medical exam. Operation without a current medical exam and/or current certification is a violation of the NASA Safety Policy as listed in the NASA Standard for Lifting Devices and Equipment, NASA-STD-8719.9 and the Goddard Procedural Requirement, GPR 8719.1.

Operator's Names (Please Print)		

The following supervisory personnel attest that the above annual review has been conducted for the operators listed in attendance above, as required by NASA-STD-8719.9.

Name: \_\_\_\_\_ Organization/Code: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Please send completed form to:  
 Brian Montgomery  
 Lifting Device Equipment Manager, GSFC  
 C/o -Joseph P. Selba  
 Mailstop: Code 540.5  
 Or email to: [joseph.p.selba@nasa.gov](mailto:joseph.p.selba@nasa.gov)  
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