

**LDE and PV/S Recertification Program (RECERT)
Mechanical Systems Division, Code 540
Goddard Space Flight Center**

**POLICY FOR CRITICAL LIFT COORDINATOR (CLC)
CERTIFICATION**

Revised, July 21, 2004

This revised Policy supersedes all previously distributed documents on this subject.

This Policy delineates the responsibilities of and establishes the training, examination, and certification requirements for personnel who coordinate and direct critical lifting operations at Greenbelt, Maryland, and at the Wallops Flight Facility, Virginia. A CLC certification is issued by the RECERT Manager or Deputy RECERT Manager/WFF to those personnel who have a need to direct critical lift activities due to specific project requirements and who have satisfied the certification requirements of this Policy. A CLC is not certified to perform rigging activities or hands-on operation of lifting devices and equipment.

1. Responsibilities

- a. CLC's are responsible for directing and giving commands to the rigger/crane operator during a lifting operation if so designated in the Critical Lift Procedure instead of the rigger/crane operator. If the CLC is in charge of the lifting operation, he/she shall instruct all personnel involved in the proper preparation, rigging, lifting, and final positioning to be achieved in the pre-lift briefing. Any transfer of responsibility for directing the lifting operation (e.g., from CLC to the rigger/crane operator and vice versa) shall be identified in the Critical Lift Procedure and emphasized in the pre-lift briefing.

2. Training

- a. All CLC candidates shall attend a classroom training session equivalent to the training for critical lift crane operators. Training for non-critical lift crane operator is not required for CLC candidates. The following training course topics shall be included as a minimum:
 - (1) NASA-specific requirements
 - (2) Safe rigging procedures
 - (3) Safe crane operations
 - (4) Safety and emergency procedures
 - (5) General performance standards

- (6) Pre-operational checks
- (7) Safety-related defects and symptoms
- (8) Specific hazards
- (9) Special procedures associated with critical lifts
- (10) Use of standard hand signals

3. Examinations

- a. All CLC candidates shall pass a written examination equivalent to that for critical lift operator certification but are exempt from hands-on proficiency demonstration and a physical examination.

4. Certification

- a. Upon successful completion of CLC training and examination requirements, the RECERT Manager or the Deputy RECERT Manager/WFF shall certify CLC's by issuing signed licenses or a signed roster of certified CLC's. Recertification shall be granted upon successful completion of refresher training and applicable examinations on an annual basis.
- b. CLC certification may be revoked or suspended by the RECERT Manager or the Deputy RECERT Manager/WFF for any of the following reasons:
 - (1) Proof of negligence or abuse of government equipment as determined by an appointed panel of inquiry or Mishap Investigation Board.
 - (2) Violations of, and/or noncompliance with, any of the safety requirements delineated in the applicable references contained in GMI 1710.6.
 - (3) Failure to meet RECERT-required examination requirements specified herein.

5. NASA

- a. A temporary CLC certification may be issued to personnel on temporary assignment to GSFC provided that the candidate meets all of the following criteria:
 - (1) Has the need to coordinate and direct critical lifts.
 - (2) Possesses a valid Critical Lift Operator license issued by a NASA

Center in compliance with requirements contained in NASA-STD-8719.9.

- (3) Has a license that remains valid and in force for the duration of the candidate's assignment at GSFC.
- (4) Is trained in the hazards and special procedures associated with the specific critical lift(s).

b. A temporary CLC certification will be valid for the duration of the candidate's assignment at GSFC but shall not exceed 90 days. Thereafter, a GSFC CLC certification shall be required.

For additional information pertaining to this RECERT Policy, please call Prasad Hanagud at Wallops, x-1359, or the undersigned at Greenbelt, x6-4209.

Original Signed By

Stanley.Y. Chan
RECERT Manager