1 Status
1.1 Update of existing policy, effective 03/07/11.

2 Purpose
2.1 Use of a crane suspended personnel basket shall be of the last resort.

3 Applicability
3.1 This policy applies to all subsidiary companies and departments of the Cianbro Companies.
3.2 All organizations are required to comply with the provisions of this policy and procedure. Any deviation, unless spelled out specifically in the policy, requires the permission of the Corporate Safety Officer or designee.

4 Definitions
4.1 Anti-Two Block Device: A positive acting device which prevents contact between the load ball/block and the crane boom tip.
4.2 Controlled Load Lowering Device: A means of slowly lowering the personnel basket other than the operator stepping on the load line brake (ie: load line going through a gearing system - a Vicon).
4.3 Crane Suspended Personnel Basket: Any personnel basket used to lift personnel with a crane or derrick.
4.4 Proof Test: A lift made at 125% of the crane basket’s rated load to ensure identification of any deficiencies in the rigging or the basket. Required once when basket is brought on site.
4.5 Rated Load Capacity: The engineered safe load carrying limit of a structure measured in pounds.
4.6 Trial Lift: A lift made immediately prior to lifting of personnel with the unoccupied personnel platform loaded at least to the anticipated lift weight from ground level, or any other location where team members will enter the platform to each location at which the personnel platform is to be hoisted and positioned. Must be repeated any time the crane is repositioned.

5 Policy
5.1 When the use of a crane suspended personnel basket is the safest alternative, its use shall meet 1926.550(g) (1-8) and the requirements of this policy. Use requires approval of the Safety Director or designee.

6 Responsibilities
6.1 The Corporate Safety Officer or designee is responsible for providing approval for the use of a crane suspended personnel basket under this policy.
6.2 The top Cianbro manager on the job site is responsible for the implementation of this policy on the project.
6.2 Corporate Safety is responsible for maintaining this document.
7 Use of Crane Suspended Personnel Baskets

7.1 The use of a crane to hoist team member on a personnel platform (suspended personnel basket) is prohibited, except when conventional means such as a ladder, stairway, aerial lift, elevating work platform, or scaffold would be more hazardous or impossible because of structural design or worksite conditions.

7.2 Provided all options have been researched and there is no other feasible means to perform the work, the following Cianbro procedure must be followed:

7.2.1 **Hoisting personnel shall be of last resort.**

7.2.2 Prior to hoisting personnel, the Safety Director must be notified. A written plan of the activity must be developed by the Project Management and sent to the Corporate Safety Officer or the designee for approval. This should be done by a scan/e-mail or presented in person to ensure timely review. If a fax or the regular mail method is used, it should be followed up with a phone call.

7.2.3 **Only a Cianbro certified personnel basket shall be used to hoist personnel.**

- The total weight of the loaded personnel basket and related rigging shall not exceed 50% of the rated capacity for the radius and configuration of the crane.
- A trial lift with the unoccupied personnel basket loaded to at least the anticipated Lift-weight shall be made from the level at which team members will enter the basket, to each location where the basket is to be hoisted and positioned. This trial lift shall be performed immediately prior to placing personnel in the basket and documented.
- A trial lift shall be repeated prior to hoisting team members whenever the crane is moved and set up in a new location or returned to a previously used location.

7.2.4 At each job site, prior to hoisting team members on the personnel platform, and after any repair or modification, the platform and rigging shall be proof tested to 125 percent of the platform's rated capacity by holding it in a suspended position for five minutes with the test load evenly distributed on the platform (this may be done concurrently with the trial lift). After proof testing, a competent person shall inspect the platform and rigging. Any deficiencies found shall be corrected and another proof test shall be conducted. Personnel hoisting shall not be conducted until the proof testing requirements are satisfied.

7.2.5 The crane used to lift personnel must have another system of controlling load lowering, other than the load line hoist brake.

7.2.6 The crane must be equipped with a positive acting device which prevents contact between the load ball/block and the boom tip (anti-two-blocking device). The device must deactivate the hoisting system.

7.2.7 A radio communications system for uninterrupted voice contact between the crane operator and a person in the personnel basket is required.

7.2.8 A competent spotter person, with constant visual contact of the personnel basket, will be in a position to ensure good communication with the crane operator.

7.2.9 While personnel are suspended in the basket, no other lifts are to be made using the same crane.
7.2.10 Wire rope bridle (4-leg) shall be used to connect the personnel platform to the load line. Each bridle leg shall be connected to a master link or shackled in such a manner to ensure that the load is evenly divided among the bridle legs. The master link shall be connected to the hook on the main load line. All rigging shall be provided with Cianbro designed personnel baskets when shipped from Cianbro stores to the project to ensure all rigging components meet OSHA standards, listed in sub part “N” of 29CFR, 1926. Refer to 9.1 Appendix A.
- 1– Four-legged bridle, ½” cables, 8’ length
- 4 – 1/2” Shackles (GS2130)

7.2.11 A meeting attended by the crane operator, spotter, team members to be lifted and the supervisor shall be held and documented prior to the lift. The lift activity plan should be reviewed and any last minute concerns addressed. A copy of this plan shall be sent immediately to the Safety Director.

7.2.12 The requirements specified in CFR 29 1926.550 (G), shall be reviewed by the supervisor responsible for the activity, prior to making the lift.

7.2.13 No variances to this procedure or OSHA requirements can be made except in an emergency life threatening rescue situation.

7.2.14 Please remember, hoisting personnel in a personnel basket must be the last resort!

8 Budget / Approval Process

8.1 Purchase and maintenance of the personnel baskets are the responsibility of Cianbro Equipment LLC.

8.2 It is the responsibility of each jobsite to procure and provide all materials and PPE required and provide necessary training.

9 Related Documents

9.1 Safety Policy Number: 028 Crane Safety
9.2 Safety Policy Number: 008 Safe Rigging Operations
9.3 Documents available on www.cianbro.net>Standard Operating Procedures – on the SOP.

<table>
<thead>
<tr>
<th>Personnel Platform Lift Planning and Authorization Form</th>
<th>SD1040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Lift Platform Pre-Lift Inspection</td>
<td>SD1041</td>
</tr>
</tbody>
</table>