

CONSTRUCTION LEAD

This checklist captures project related tasks performed by a construction lead. Construction leads oversee all construction and technology issues on a project.

Construction Tasks

- PCL-1* Be the primary technical resource for construction and technology issues on the project.
- PCL-2* Organize and drive project integration.
- PCL-3* Occasionally review source code organization to ensure integrity.
- PCL-4* Occasionally spot check source code content to ensure consistency and integrity.
- PCL-5* Keep construction documents and standards up to date, and ensure that processes and standards are being followed.
- PCL-6* Oversee construction tools and development environment.

Build Management

- PCL-7* Design and oversee creation and maintenance of the build infrastructure.
- PCL-8* Sets up revision control tools and processes for construction artifacts.
- PCL-9* Integrate build with any deployment and test automation used on the project.
- PCL-10* If daily build or related automated tests and/or smoke tests fail, manage any issues to resolution.

Test Management

- PCL-11* Oversee design, construction, and integration of unit and component level test code, both manual and automated.

Project Management

- PCL-12* Identify technology and construction feasibility risks.
- PCL-13* Do MBWA and other management for construction issues.

Planning and Tracking

- PCL-14* Assist in estimation activities as needed.
- PCL-15* Look for gold-plating and off-the-books work.

CCB Tasks

- PCL-16* Participation in the regular CCB meetings as needed.

Release Creation Tasks

- PCL-17* Coordinate marking and building of milestone builds.
- PCL-18* Provide release quaffs and comestibles.
- PCL-19* Collect and record measures for project log and archive artifacts as appropriate.