

## MIAMI-DADE COUNTY, FLORIDA DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES PRODUCT CONTROL SECTION

## CHECKLIST #0435 FOR THE APPROVAL OF: LINTELS AND HEADERS

- Basic Requirements Checklist.
- One set of the manufacturer's 'approval document' including:
  - a. Typical section with details, properties and all dimensions,
  - b. Installation details, including reinforcements, and
  - c. Fastener and connecting details including size and location.
- Calculations (per ACI 318 for concrete; NDS for wood: AISC for steel), verifying capacities of tested specimen, including bending, shear, axial and combined stresses, deflection limits, reaction, concentrated loads and supports and fasteners/connectors.
- Copy of quality control program of the precast lintel process at the plant.
- One set of manufacturer's design drawings marked and verified by the testing laboratory.

## The following current laboratory tests and test reports in compliance with protocol TAS 301.

□ Lintels and headers shall be tested according to ASTM E529 to verify its capacity. Three (3) specimens shall be tested, the lowest value shall be used with a safety factor of 1.5:1

## Note:

If product has plastic as a component, add plastic checklist to these requirements.

Revised: 9-1-12 Lintels & Headers

Internet mail address: <u>bldgdept@miamidade.gov</u>

