STORAGE AREAS
Observations of storage are conducted to ensure proper blocking methods are used for prevention of chipping, warpage, cracking, or contamination. A final review of the product is made during loading to detect defects caused by handling. If needed, repair procedures are witnessed.

RECORD KEEPING
Inspectors check all files to verify that quality control procedures take place daily. Typical files which are checked include but are not limited to:
- Samples
- Finishes
- Mix Designs
- Drawings
- ASTM Test Reports
- Special Items
- ASTM Certificates of Compliance
- Calibration Reports

PLANT FACILITIES
Quality production of Architectural Precast Concrete requires plant facilities which are clean, safe, and reflect current concrete technology.

Material Storage
Proper cement and aggregate storage is inspected and verified. Contamination is minimized for enduring strength and a lasting finish.

Batch Plant & Batching Operations
Concrete batching operations are inspected to ensure consistency and specified tolerance adherence. Scales are certified annually. It is determined that all mixing equipment is of a capacity and type to produce thoroughly mixed concrete of a uniform consistency. Admixture Dispensing is also checked.

Casting Area Inspections Include:
- Placing Concrete
- Consolidation
- Curing
- Stripping
- Finishing
- Storage
- Shipping
- Safety
- Reinforcement
- Subassemblies

Dedicated solely to the advancement of Architectural Precast Concrete
Architectural Precast Association • 325 John Knox Rd L-103
Tallahassee, FL 32303 • Tel: (850) 205-5637
www.archprecast.org

For detailed information about the APA Plant Certification Program or for free technical assistance contact the Architectural Precast Association.

PRE-QUALIFY YOUR PRECASTER
Specify An Architectural Precast Association Certified Plant

ARCHITECTURAL CAST STONE
The APA Plant Certification Program addresses the differences between wet and dry cast production procedures in Architectural Cast Stone (Dry Cast products are formed from a 0-slump concrete mix that requires the use of pneumatic ramming to compact the concrete into molds. Wet Cast products use a measurable slump concrete mix that is poured into molds and properly consolidated. Both methods produce high quality architectural cast stone units that simulate natural cut stone and are typically used as handset masonry units during installation.

Architectural Cast Stone units are generally used for ornamental design purposes where the architect requires a fine detail in the precast concrete treatment. The APA certification process therefore expands its criteria for finish, durability, and quality control to meet the special requirements of this product.

Choose an APA Certified Cast Stone Plant for assured quality.

ARCHITECTURAL CAST STONE
GFRC
Special aesthetic needs are satisfied with GFRC. Its light weight, durable character makes it ideal for precast applications that do not require the strength of architectural panels or cast stone. Special fiberglass reinforced high slump concrete is applied to form thin hand compacted to achieve the proper thickness and consolidation. These special casting procedures require unique quality control considerations that wet or dry cast operations do not employ. The APA Plant Certification Program ensures that additional GFRC quality control procedures are followed by your manufacturer.

GFRC • GLASS FIBER REINFORCED CONCRETE

Choose an APA Certified Cast Stone Plant for assured quality.
The successful use of Architectural Precast requires an equally specialized understanding of the product, as the ability of manufacturers to produce quality precast concrete products is dependent not only on the ability of manufacturers to produce products which meet the desired intent of designers' understanding of the product, but also on the ability of manufacturers to produce products which meet the desired intent of designers that essential assurance of a man- 
ufacturing process.

Precast Association constructed a Plant Certification Program which provides designers that essential assurance of a man- 
ufacturing process. To this end, the Architectural Precast Association’s Plant Certification Program which provides designers that essential assurance of a man- 
ufacturing process. This program is designed to meet the requirements of each state’s precast concrete code and to its quality control procedures. The extremely affordable nature of the cer- 
ification program allows a precaster to 
reduce his high inspection fees. The APA Plant Certification Program has its 
standards set by the APA and its inspection policies are divided into quality control zones. More than 100 
items are inspected and individually graded as pass/fail. Either the 
plant is approved or not. Inaccurate work is re-done. Testing procedures 
are mandatory and must be done in a timely manner.

Every certified plant inspection 

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