



# Tree Grate Specification

## **General**

This specification is applicable for gray iron tree grate castings. All castings shall be manufactured in the United States of America by EJ. All manufacturers shall be approved suppliers prior to supplying castings.

## **Material**

Gray iron castings shall be manufactured from iron conforming to ASTM A48, Class 35B. The iron material used in products provided shall have a minimum recycled material content of 85%. The recycled materials shall consist of post-consumer material.

## **Manufacture**

Castings shall be of uniform quality, free from sand holes, gas holes, shrinkage, cracks and other surface defects. Castings shall be ground smooth and well cleaned by shot blasting. Castings shall be furnished unpainted or as specified by the purchaser.

## **Certification**

A foundry certification shall be furnished to the purchaser stating that the products supplied are in accordance with this specification.

## **Marking**

Each casting shall be identifiable and show, at a minimum, the following: name of the producing foundry, country of manufacture (such as "Made in USA"), individual part number and cast or heat date. Castings shall include all lettering as shown on the drawings.

## **Tree Frames & Guards**

Tree grate frames and guards shall be made in the USA and manufactured from fabricated steel.