



Manufacturing and Specifying products to promote the conservation of water in commercial, residential and light industrial applications helping in the designing and construction of “GREEN” LEED certified buildings.

LEED-NC

-Green Building Rating System for New Construction & Major Renovations Version 2.2

Sections where Ames Fire & Waterworks products can be accepted and used to gain LEED certification:

Sustainable Sites

SS Credit 5.2: Site Development: Maximize Open Space 1 Point

Intent:

Provide a high ratio of open space to development footprint to promote biodiversity.

Ames offers innovative backflow preventers that can be installed in vertical, horizontal, and N shaped patterns to save space in the development footprint (defined as the total area of the building footprint, hardscape, access roads and parking) and/or provide vegetated open space within the project boundary to exceed the local zoning's open space requirement for the site by 25%.

Acceptable Ames Products:

- **Detector Check Valves (1000SS, 1000DCV, 1005DCV, 1010DCV)**
- **Double Check Assemblies Series (M200, M200(a), C200, C200(a), 2000SS, 2000SE, 200B, 2000B)**
- **Double Check Detector Assemblies (M300, M300(a) C300, C300(a), 3000SS, 3000SE, 3000B)**
- **Reduced Pressure Zone Backflow Series (M400, C400, 4000SS, 4000BLT, 400B, 4000B, 4000RP)**
- **Reduced Pressure Detector Assemblies (M500, C500, 5000SS, 5000CIV, 5000RPDA)**

Materials & Resources

MR Credit 1.3: Building Reuse: Maintain 50% of Interior Non-Structural Elements **1 Point**

Intent:

Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

All Ames products are made of high quality materials that can be recycled and used again to extend the life cycle of existing buildings or to reduce environmental impacts of new building construction.

Acceptable Ames Products:

- Detector Check Valves (1000SS, 1000DCV, 1005DCV, 1010DCV)
- Double Check Assemblies Series (M200, M200(a), C200, C200(a), 2000SS, 2000SE, 200B, 2000B)
- Double Check Detector Assemblies (M300, M300(a) C300, C300(a), 3000SS, 3000SE, 3000B)
- Reduced Pressure Zone Backflow Series (M400, C400, 4000SS, 4000BLT, 400B, 4000B, 4000RP)
- Reduced Pressure Detector Assemblies (M500, C500, 5000SS, 5000CIV, 5000RPDA)
- In-building Risers (Series IBR)
- Vacuum Breakers (A200, A100, ASCV)
- Strainers (8000F, 8000G, 7001, 7002)
- Check Valves (FPP, FFF)
- Accessories (Air Gaps & Elbows, Spools & Flanges)

MR Credit 2.1: Construction Waste Management: Divert 50% from Disposal **1 Point**

Intent:

Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

All Ames products are made up of either recyclable material or material that can be recycled. This includes bronze, ductile iron, plastic, and stainless steel used in valves.

Ames packaging is made of corrugated post consumer cardboard. Corrugated cardboard manufactured from recycled pulp uses about 75% of the energy used in the manufacture of corrugated cardboard made from virgin pulp.

Acceptable Ames Products:

- All Ames products apply

Indoor Environmental Quality

EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings 1 Point

Intent:

Reduce the quantity of indoor air contaminants that are odorous, irritating and or harmful to the comfort and well-being of installers and occupants.

Ames utilizes Stainless Steel construction of valves and anti-corrosive/anti-rust Epoxy coating on potable water valves.

Acceptable Ames Products:

- All Ames products apply

Materials and Resources

MR Credit 4.2: Recycled Content: 20% (post-consumer + 1/2 pre-consumer) 1 Point

Intent:

Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing virgin materials. In addition to MR Credit 4.1

Ames Fire & Waterworks Stainless valves are produced using approximately 80% recycled Stainless. Stainless recycling plant utilizes the Electronic Arc Furnace (EAF) process for maximum efficiency.

Accepted Ames Products:

- Detector Check Valves (1000SS)
- Double Check Assemblies Series (M200, M200(a), C200, C200(a), 2000SS, 2000SE)
- Double Check Detector Assemblies (M300, M300(a) C300, C300(a), 3000SS, 3000SE)
- Reduced Pressure Zone Backflow Series (M400, C400, 4000SS, 4000BLT, 6000HMB)
- Reduced Pressure Detector Assemblies (M500, C500, 5000SS)
- In-building Risers (Series IBR)
- Strainers (8000F, 8000G)
- Check Valves (FPP, FFF, ASCV)
- Accessories (Spools & Flanges)

Innovation & Design Process

ID Credit 1-1.4: Innovation in Design 1-4 Points

Intent:

To provide design teams and projects, the opportunity to be awarded points for exceptional performance above the requirements set by the LEED-NC Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED-NC Green Building Rating System.

Ames Fire & Waterworks mutual goal of providing safe and comfortable conservative Green Buildings will help all Engineers and Architects with strategies and submittals to meet the Innovation in Design points.

Please direct any questions to the following:

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