**Gasketed Integral Bell PVC Plastic Irrigation Pipe (PIP) Certification**

To Whom It May Concern:

Gasketed Integral Bell PVC Plastic Irrigation Pipe (sizes 6" through 27", SDR 51 and SDR 41), provided by NAPCO, is manufactured in accordance with **ASTM D2241.** The PVC material conforms to a minimum cell classification of 12454 as defined by **ASTM D1784***.* The pipe compounds are listed in **PPI TR-4** as a Standard Grade material with a Hydrostatic Design Basis (HDB) of 4000 psi*.* The standard pipe laying length is 20, 22, or 40 feet. Pipe supplied is either white or blue in color.

Gasketed Integral Bell pipe products meet the requirements of **ASTM D3139.** Unless otherwise specified, all products are supplied with styrene-butadiene rubber (SBR) gaskets that comply with **ASTM F477**.

Certifications are based on the applicable edition of the referenced standard in effect on the date of manufacture. If we may be of further assistance, please contact Technical Services at [technical@napcopipe.com](mailto:technical@napcopipe.com).

Sincerely,

**NAPCO**

Reference Standards:

* **ASTM D1784** *Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds*
* **ASTM D2241** *Standard Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)*
* **ASTM D3139** *Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals*
* **ASTM F477** *Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe*
* **PPI TR-4** *HDB/HDS/SDB/PDB/MRS Listed Materials*