

# Bitumen Transfer

## Hose cleaning, pressure testing & recertification



- The Australian Standard 2475-2001: Threaded hose connection fittings for bituminous materials
- AAPA (Australian Asphalt and Paving Association) Guide 7 Health and Safety book
- AP-G41-15 Bituminous Materials Safety Guide
- ADG 7 Australian Dangerous Goods Code

*Recommend an annual cleaning inspection and rectification of all Bitumen Transfer hoses.*

*Convoluted Technologies has specialised equipment to clean and recertify bitumen hoses in all our facilities in NSW, VIC and WA and with subcontractors in QLD and TAS.*

*Our service will covers, visual inspection, cleaning of the hose prior to testing, hydrostatically testing and Re-Certifying of Bitumen Transfer Hoses.*

*The hose is first visually inspected to ensure that as per AS 2475-2001, all Bitumen Transfer Hoses have the correct fittings made of Bronze or Aluminium, all end fittings are in good working order, the hose and armour wire is in good condition and no sign of mechanical damage on the whole assembly.*

*The Bitumen Transfer Hose is then cleaned internally and externally to remove all residual Bitumen to expose potential wear and leaks.*

*The Bitumen Transfer Hose is then pressure tested to 20 Bar for 10 minutes.*



**Before Cleaning**



**After Cleaning**

*Once the Bitumen Transfer Hose has passed all of the above, it can be Re-certified to go back into service.*

*The manufacturer's compliance plate will be marked with the relevant information showing that the hose has passed the cleaning and testing procedure and a recertification certificate will be provided.*



*We recommend replacing all ¾" and 1" hand bar hoses annually, as that is the only hose the operator manually handles whilst pumping hot bitumen under pressure.*



*Spray bar hoses made to customers specific dimensions, these are not subjected to annual testing.*



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## Hose Assemblies and Hose Fittings

