

program allowing for ordering and approval times. Information to be submitted shall comprise but not necessarily be limited to:

- i. The manufacturer's complete and detailed specification and test results of the proposed PE and PP pipes and fittings required for the Works including the manufacturer's certification of compliance with this section of the standard specification. Information on all items listed in Table 21-1 shall be given.
- ii. Should any details of the pipes and fittings be altered in any way during manufacture from those proposed and approved by the Engineer, submit for the Engineer's approval the revised details and test results.
- iii. Submit to the Engineer the certification for all pipes and fittings together with the results of quality control tests carried out on the manufactured pipes and fittings as soon as is practicable. As a minimum this should be not later than the time of delivery of the relevant pipes and fittings to the site.

Product Information	Units	
Manufacturing Details		
Name of manufacturer	-	
Manufacturing process for pipes	-	
Manufacturing process for bends and fittings	-	
Joint type	-	
Raw material producer, grade and data sheet	-	
Date of latest long term type test and process verification test	-	
In the case of PE pipe systems provide details of the PE100 pipe grade that is to be used, including the data sheet. For PP pipe systems provide details of the base resin, master batch and other pipe material additives	-	
Pipe Details		
Factory hydraulic test pressure	bar	
Pipe wall type (solid, hollow, ribbed, spiral or corrugated etc.)		
Nominal inside diameter	mm	
Outside diameter in the case of solid wall pipes	mm	
Minimum wall thickness (e_4 or e_5 to EN 13476 e_{min} to EN1852)	mm	
Nominal short term stiffness (SN to EN ISO 9969)	kN/m ²	