**Steel Pipes External Surfaces Coating from the Size of 8 to 10 inches with the Method of 3 Layer High Density Poly Ethylene (H.D.P.E)**

Standard of Application of External Coating

 According to DIN30670, IGS, IPS, ISO 21809-1 standards and customer requirements steel pipes external coating can be performed.

Sequence of External Coating Application

√Hot water and steam wash of external surface of the pipe

√Steel pipes preheating

√Mechanical blasting with metal abraider to reach brightness level of Sa 2 1/2

√QC. Control

√Acid wash can be done for the customer's requirements (if any)

√Inductive heating

√Electrostatic spraying of epoxy powder in the first layer

√ Applying grafted adhesive with extrosion method in the second layer

√Applying high density PE/PP layer with extrosion method in the third layer

√Water cooling of the coated pipe to the normal temperature

√QC. Control

√Cleaning and chamfering external coating of two heads of the pipe

√Holiday inspection on entire surfaces of the pipes

√Final control, marking and laboratory tests

√Issueing certificate (quality report)