**Seamless Process Flowchart (PQF)**

1. Billet heating in circular furnace
2. Cross-rolling piercing
3. Hydrodescaling
4. Elongating
5. Reheating
6. Hydrodescaling
7. Stretch reducing mill
8. Cutting
9. Cooling
10. Batch sawing

**Casing Pipe Finishing Process**

1. Control of pipe geometry
2. Heat treatment
3. Flaw-detecting
4. Geometrics inspection
5. Magnetic-fluoroscopic flaw inspection of pipe ends
6. Threading, thread inspection
7. Coupling screw-on and drifting
8. Hydrostatic testing
9. Protectors screw-on
10. Coating application
11. Marking, packing, storage