

6.1) Capacities and types of available ladles:

- teapot ladle tilting ladle stopper ladle two-stopper ladle ladle with sliding gate valve
- Capacities:**
_____ t _____ t _____ t _____ t _____ t
- cylindrical ladle
_____ t

6.2) Capacity and type of ladle to be used for inoculation (to be indicated): _____ t, _____ type

7) Wire feeder:

- Single strand wire feeder Twin strand wire feeder None

8) Casting(s) requiring modification (process parameters for making irons):

- Base iron chemical composition:

Element Content, %									
C	Si	Mn	S	P	Cr	Al	Cu		

- iron grade to be manufactured _____;

- cast iron being manufactured is:

- ordinary synthetic

- temperature of base iron being tapped (to be indicated): _____ °C;

- temperature of iron being poured into moulds (to be indicated): _____ °C;

- weight of casting(s) _____ kg;

- number of castings in one mould _____ pcs.;

- minimum wall thickness of casting(s) produced _____;

- maximum wall thickness of casting(s) produced _____;

- casting/molding method _____;

9.1) Inoculation practice (if any):

9.2) Inoculant being used (manufacturer's name, grade, size fraction):

9.3) Duration of pouring of the molten iron following its inoculation:

- 10 min. and less between 10 and 15 min. 15 min. and more

10) Residual Mg content in molten iron at the time its pouring into molds is completed:

- 0.02% and less between 0.02 and 0.04% between 0.04 and 0.07%
 other (to be indicated)

11) QA/QC:

- Laboratory for testing molding materials Metallography laboratory
 Mechanical laboratory NDE laboratory
 Chemical laboratory

Please send the completed data sheet to 151@nppgroup.ru