

Appendix D - Cold Shut Levels

The amount of cold shutting present on each casting was subjectively quantified. The level assigned takes into account both the extent, location, and severity of cold shuts. The photographs presented provide an example of the cold shuts found at each level.

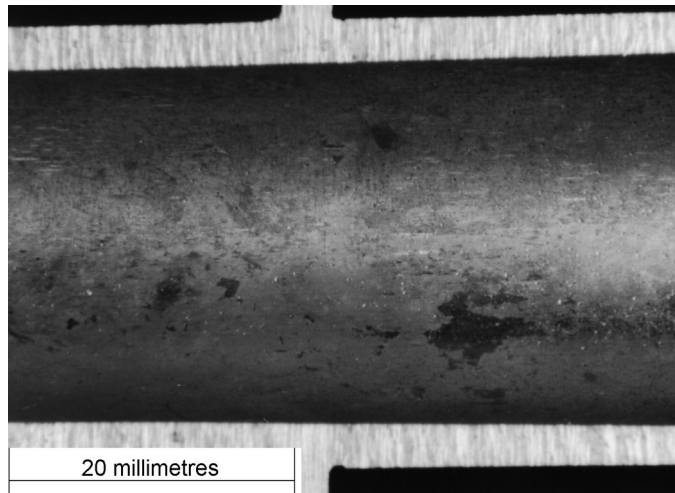


Figure D.1

Level 0 (No Cold Shuts)

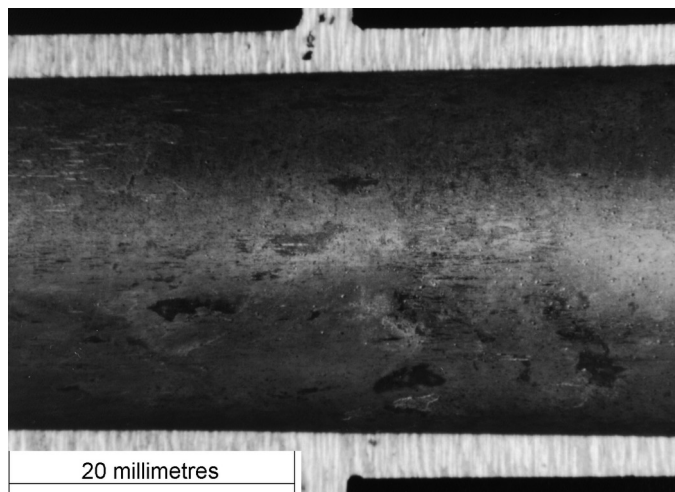


Figure D.2

Level 1 (Small Cold Shuts)

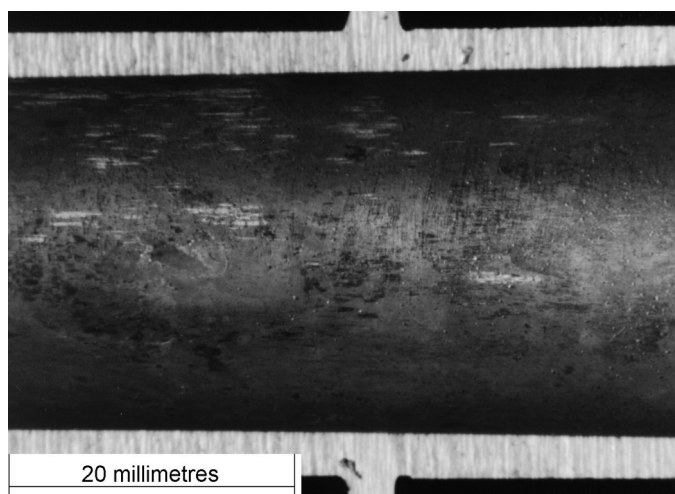


Figure D.3

Level 2 (Moderate Cold Shuts)

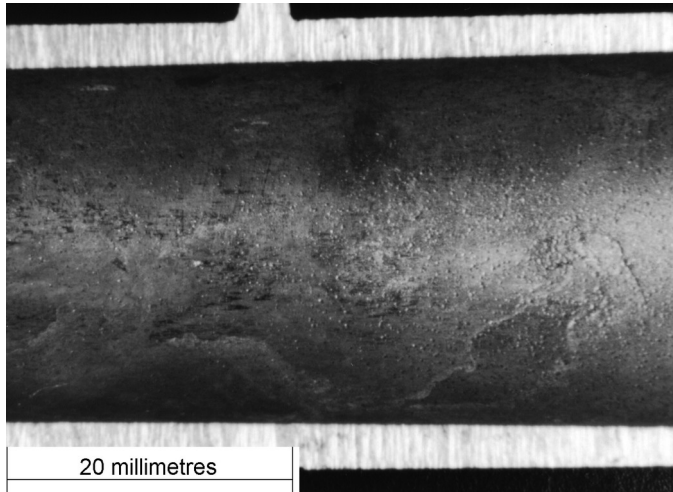


Figure D.4

Level 3 (Extensive Cold Shuts)

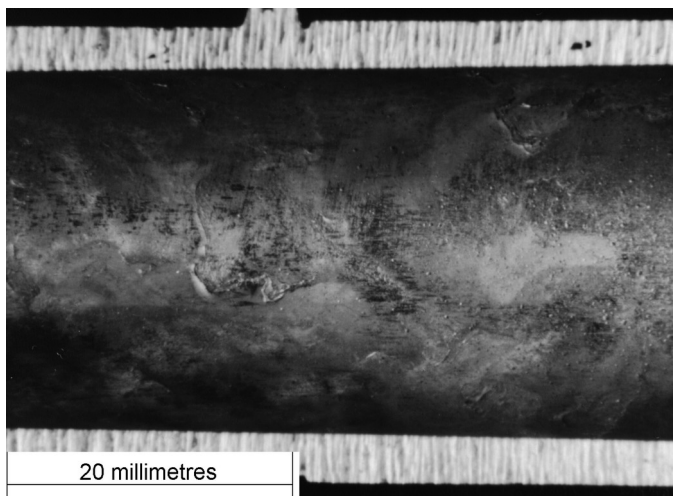


Figure D.5

Level 4 (Severe Cold Shuts)