



We Deliver Precision®

Subsurface Inclusion Policy

At the Ulbrich Strip Service centers and Ulbrich Specialty Strip Mill we commit ourselves to deliver quality products and services to our customer through the continual improvement of our processes, people, facilities and the quality management system. Our objective is to exceed our customer requirements, and to clearly understand and conform to customer requirements and specifications. Ulbrich warrants the material will meet the specifications and standards to which the material was defined in the purchase agreement.

In certain deep draw applications sidewall tears (laminations) occur as a result of nonmetallic inclusions below the surface of the steel. These inclusions can open to the surface during the deep draw process and become apparent on the final part. Our suppliers continuously strive to improve their processes to reduce the levels of inclusions in products that are intended for deep drawing applications; however, nonmetallic inclusions are inherent to the steel making process and cannot be completely eliminated during melting and casting. Therefore, Ulbrich does not accept any claims for the inspection, sorting or for excessive scrapped quantities of parts containing laminations which resulted from the deep drawing process.

Historically, consumers of steel that practice deep draw processing often incur tolerable part rejection rates that are within historic levels and are minimal. Typically, the number of parts exhibiting sidewall tears due to inclusions is minor and so to isolate those rejectable parts, sorting or visual/automated inspections may be necessary. If a review of the parts and volumes involved indicate an exceptionally recurrence rate, Ulbrich will work with our material supplier on claims for the remaining raw material only. Before such claims can be considered, a control level must first be determined for each combination of alloy, material thickness, and draw practice.

A handwritten signature in blue ink that reads "Gregg Boucher".

Gregg Boucher
President of Distribution Division

A handwritten signature in blue ink that reads "David Giapponi".

David Giapponi
V. P. Product Management - USSM

January 23, 2018