



BSI Standards Publication

Cold formed welded steel structural hollow sections

Part 3: Technical delivery conditions for high strength and weather resistant steels

National foreword

This British Standard is the UK implementation of EN 10219-3:2020.

The UK participation in its preparation was entrusted to Technical Committee ISE/103, Structural Steels Other Than Reinforcements.

A list of organizations represented on this committee can be obtained on request to its committee manager.

Part 1 of this series, EN 10219-1:2006, is published in the Official Journal of the European Union (OJEU) under the Construction Products Regulation (CPR Regulation (EU) No. 305/2011) and therefore allows the CE marking of all the products included in it.

The European technical committee responsible for the development of EN 10219-3 (CEN/TC 459/SC 3) tried to revise EN 10219-1:2006 to extend its scope to include not only higher-strength steel grades and weather-resistant steels but also other new processes, such as quenched and tempered steels (feedstock condition). Unfortunately, a draft revised standard was never published, due to difficulties with it complying with the Regulation.

The European technical committee decided to incorporate these additions to Part 1 into a new Part 3, which is not under the Construction Products Regulation. This new standard, EN 10219-3:2020, is therefore a voluntary standard that can be used if the covered products are to be used in mechanical engineering applications. It will not be possible to CE mark them under the Construction Products Regulation. A comparison between both parts is presented below.

Products	Grades included in EN 10219-1:2006 (products CE marked under the CPR)	Grades included in EN 10219-3:2020 (products not CE marked under the CPR)
Non-alloy quality steels (Annex A)	S235JRH, S275J0H, S275J2H, S355J0H, S355J2H, S355K2H	Not included (annex is only informative)
Fine grain steels – feedstock condition N (Annex B)	S275NH, S275NLH, S355NH, S355NLH, S460NH, S460NLH	S420NH, S420NLH
Thermomechanical formed steels – feedstock condition M	S275MH, S275MLH, S355MH, S355MLH, S420MH, S420MLH, S460MH, S460MLH (Annex B)	S500MH, S500MLH, S550MH, S550MLH, S600MH, S600MLH, S650MH, S650MLH, S700MH, S700MLH, S900MH, S960MH (Annex C)