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Evolution of an Alloy; the “Alloy C” Family of Alloys K B Perel

REFERENCES

1. BRITISH STAINLESS STEEL ASSOCIATION; *The Discovery of Stainless Steel*, www.bssa.org.uk
2. Ralph D Gray; *STELLITE: A History of the Haynes Stellite Company*, Cabot Corporation, 1974
3. Inco Alloy International; *Inco Alloys NEWS – MONEL*, 1995
4. H M Tawancy, R B Herchenroeder and A I Asphahani; *High-Performance Ni-Cr-Mo-W Alloys*, Journal of Metals June 1983.
5. Lee M Pike; *100+ Years of Wrought Alloy Development at Haynes International*, The Minerals, Metals and Materials Society, 2014
6. Jim Crum and Norman Farr; *High-nickel alloys in the chemical process industries*; Stainless Steel World May 2000
7. H L Eisenstein and D J Tillack; *The Invention and Definition of Alloy 625 Superalloys 718, 625 and Various Derivatives*; The Minerals, Metals and Materials Society, 2014
8. USA PATENT 3 203792; Highly Corrosion Resistant Nickel-Chromium-Molybdenum alloy with improved resistance to Intergranular Corrosion
9. D C Agarwal; *Chronological development of “B” and “C” family nickel alloys (part 2 of 2)*; Stainless Steel World January / February 2004
10. Wayne Z Friend; *CORROSION OF NICKEL AND NICKEL-BASE ALLOYS* A Wiley Interscience Publication 1980
11. Trade Literature; *HASTELLOY® C2000® ALLOY*; Haynes International; H2111C 1996
12. Helena Alves; *A New Developed Ni-Cr-Mo Alloy with Improved Corrosion Resistance in Flue Gas Desulphurization and Chemical Process Applications*; NACE 2013
13. Corrosionpedia; ***Corrosionpedia explains Green Death*** www.corrosionpedia.com
14. P Crook and M L Caruso; *DEVELOPMENT OF HASTELLOY® C2000® ALLOY*; Haynes International H2107 1995



2 Brands Hatch Close, Kyalami Business Park,
Midrand. PO Box 30407, Kyalami, 1684, South Africa.
T: + 27 (0)11 466 2480 F: + 27 (0)11 466 1692
E: kenp@multialloys.co.za www.multialloys.co.za

15. G J Dyason; EXAMINATION OF CORROSION TEST COUPONS; TUV-Rheinland Report 62 0 1713 M/01
16. R B Rebak, P Crook; *NICKEL Alloys for Corrosive Environments*;
Advanced Material and Processes February 2000
17. J R Crum, L E Shoemaker, S D Kiser; *Special Alloys and Overmatching Welding Products Solve FGD
Corrosion Problems* Special Metals Report
18. Trade Literature; *INCO-WELD® 686CPT® Filler Metal*; SPECIAL METALS Welding Products Company