API SC21 Liaison Report

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API SC6 Winter Meeting
January 23, 2019
San Antonio, Texas
API SC21 Liaison Report

API SC21 Chairman – Rob Hilts, Halliburton

API SC21 Winter Meeting - This afternoon from 1:30 – 5:00 PM

Active materials projects

• Temp De-rating project – mechanical property temperature de-rating (E. Nunez)
• ASTM Grade 660 testing for revisions to API TR6MET/6A (T. Haeberle)
• Joint API-ASTM E-140 project – hardness conversion for PH nickel alloys (T. Haeberle)
• Pipeline Flanges and Fittings Substandard Properties (K. Baker)

- continued -
Active materials projects

• Update on API Bolting TGRs and SR3 (SC21 TG 1) (L. Burgess)
  o Subgroup 1 (TGR-4, TGR-8) – 21TR1 - Selection of bolting materials (R. Rao)
  o Subgroup 2 (TGR-3) - Coatings for short term corrosion protection (P. Bhavaraju)
  o Subgroup 3 (TGR-1) - Requirements for max hardness on bolting material (J. Farraro)
  o Subgroup 4 (TGR-1) – Hardness testing accuracy and uncertainty (S. Chimbli)
  o Subgroup 5 – Hardness increase of cold-rolled threads in PH nickel alloys (A. Dyer)
  o Liaison with ASTM (TGR 1) - Requirements for prevention of internal hydrogen embrittlement (L. Burgess)
  o SN fatigue curve development for L7 bolting (A. Grohmann)
Informative Reports on Materials

• Update on 20E and 20F Bolting (T. Goin)
• Update on SC20 documents (R. Faircloth)
• High Strength 718 with 150 KSI SMYS for API 6ACRA (G. Chitwood)
• Update on NACE MR0175 / ISO 15156 activities (T. Haeberle)
• ASTM Items of Interest (L. Burgess)
• Hydrogen Embrittlement Protection (I. MacMoy)
• Boron Diffusion (R. Pikulski)