API SC21 Liaison Report

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API SC6 Summer Meeting
June 13, 2018
Denver, Colorado
API SC21 Liaison Report

API SC21 Chairman – Rob Hilts, Halliburton

API SC21 Summer 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)

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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 (J. Burk)
  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 (L. Burgess)
  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)
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Informative Reports on Materials

• Update on 20E and 20F Bolting (T. Goin)
• 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)
• SC19 HPHT guidance document for downhole completion equipment (R. Hilts)
• Update on SC20 documents (R. Faircloth).
Thank you.