

1. Record Nr.	UNINA9910465810303321
Titolo	Advances in materials technology for fossil power plants : proceedings from the seventh International Conference, October 22-25, 2013 Waikoloa, Hawaii, USA // editors, D. Gandy, J. Shingledecker ; sponsored by Electric Power Research Institute
Pubbl/distr/stampa	Materials Park, Ohio : , : ASM International, , 2014 Materials Park, Ohio : , : ASM International, , [date of distribution not identified] ©2014
ISBN	1-68015-940-2 1-62708-061-9
Descrizione fisica	1 online resource (1520 p.)
Disciplina	621.312132
Soggetti	Fossil fuel power plants - Materials Power-plants - Materials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	""#title_page_2013""; ""EPRI_COPYRIGHT""; ""OrganizingCommittee_2013""; ""InternationalAdvisoryBoard_2013""; ""TOC_EPRI2013""; ""Preface_2013_mt""; ""indexable_proof_New_12-16""; ""001_01_078_YeTao_Paper""; ""002_02_026_Augusto_11_20_13""; ""The ENCIO-project is financed by industrial and public funds. The project receives funding from the European Community's Research Fund for Coal and Steel (RFCS) under grant agreement n RFCPCT-2011-00003. The ENCIO project started on 1 July 2011. The ...""; ""003_03_022_Masafumi Fukuda_Paper""; ""004_04_125_JohnShingledecker_Paper_UPDATE_11_10_13"" ""005_05_158_India AUSC Paper""""006_06_087_HHendrix_Paper reformatted""; ""Steam Generator""; ""007_01_121_ArthurStam_Paper""; ""008_02_111_PaulWeitzel_Paper""; ""Increasing the efficiency of the Rankine regenerative-reheat steam cycle to improve the economics of electric power generation and to achieve lower cost of electricity has

been a long sought after goal. Advanced ultra-supercritical (A-USC) development..."

"The operation and start up of the 700C (1292F) plant will be similar in control methods and techniques to a 600C (1112F) plant. Due to arrangement features, the steam temperature control range and the once through minimum circulation flow will be slig..."

009_03_152_XishanXie_Paper_Update";

"010_04_106_Srivastava_UPDATE_11_11_13";

"011_05_107_Tortorelli_Paper"; "012_06_109_Yujin Yang Final Paper_11_20_13"; "ABSTRACT"; "1 INTRODUCTION"; "2 MATERIALS AND EXPERIMENTAL PROCEDURES"; "3 RESULTS AND DISCUSSION";

"3.1 Thermodynamic calculations"; "3.2 Hardness"

"3.3 MX precipitates""3.4 Boundary precipitates"; "3.5 Gamma prime"; "4 CONCLUSIONS"; "5 ACKNOWLEDGEMENTS"; "6 REFERENCES";

"013_01_147_Klenk_11_19_13";

"014_02_019_PatrikSchraven"; "015_03_007-ZDLiu_11_19_13";

"016_04_030_FalkMueller_Paper_removes space before abstract";

"017_05_156_NobuhikoSaito_Paper_11_19_13";

"018_06_037_Imano_Hitachi_11_21_13";

"019_07_017_BrianBaker_Paper_11_22_13_BABREV"; "Table 5: Chemical Composition of INCONEL alloy 740H Filler Metal"

"The macro-etched full cross section can be viewed in Figure 11 as well as the etched microstructure of a mounted and polished cross section. No micro-fissuring was observed in the heat-affected-zone (HAZ) or in the weld metal. Side bend testing (4T,..."""/"; ""/"; "Table 6. Room Temperature Tensile Properties for ASME Section IX Qualifications from the Full Section HWGTAW Steam Header Pipe Weldment";

"020_08_129_JohnShingledecker_Paper_UPDATE_11_10_13";

"022_09_041_ShengdeZhang_Japan"; "023_10_042_Gururaja

UV_UPDATE_09_27_13"; "024_11_091_2B_Shuangqun

Zhao_11_20_13"

"025_12_117_YangHuachun_Paper"
