



CREATIVE TECHNICAL SOLUTIONS, INC.

April 28, 2016

To: Rob Blair, SFSA
From: Sam Sahu
Re: Bio-data

Name & Company: Sam Sahu, Creative Technical Solutions, Inc., 2501 West Daphne Road, Glendale, WI 53209

Phone & E-mail: (414) 614-1615, sudharisahu@hotmail.com

Previous Employment: Waukesha Foundry (1982-2010), Waukesha, WI as Mgr. of Metallurgy & Technical Services
Burnside Steel (1976-1982), Chicago, IL as VP of Tech. Serv.
Portec Inc. (1973-1976), Oak Brook, IL as Mgr. of Met.

Short Bio: Have BS, MS and Ph.D. in Met. Eng. And 40 years of Foundry experience. Currently engaged in alloy development and general consulting.

Categories of Consulting: Physical Metallurgy, Heat Treatment, Sand Casting

BIOGRAPHY OF SAM SAHU

Sam Sahu received his B.S. (Met. E.) from BIT Sindri, India in June 1966. He received from IIT Chicago his M.S.(Met.) in June 1968 and Ph.D. in Dec. 1970. He was a Research Associate in Civil Eng. Dept. at Duke University, Durham, NC during 1971-72. He joined Portec, Inc., Oak Brook, IL in 1973 as a Metallurgical Engineer and was there till summer of 1976. He joined Burnside Steel Foundry in Chicago, IL in fall of 1976 as Technical Director and was promoted to VP-Technical Services in June 1978. After closing of Burnside, he joined Cast Products Group of Abex Corp. in fall of 1982 as Manager of Low Alloy Steel and was transferred to Waukesha Foundry, Inc. (then a division of Abex Corp.) in January 1986. He held the position of Manager of Metallurgy & Technical Services since then till his retirement in January 2010. Currently, as President of Creative Technical Solutions, Inc., doing consulting in ferrous & non-ferrous casting fields.

Awards Received

Society of Plastics Industries Best Paper Award-----1969
SFSA Gustav A. Lillieqvist Award -----1988 & 1992
AFS Scientific Merit Award -----2000
AFS David Kunkel Distinguished Service Award-----2001

Patents

He holds 4 US patents—one on lead-free bearing bronze and three on low-friction Cu-Ni alloys (Dairy Metals). All of these alloys are in production.

Publications

He has published 26 technical papers in the areas of polymer composites, low alloy steel castings, Cu-base alloys and weldability of Cu-Ni alloys.

Book Chapter

Co-authored chapter on “Copper-Base Alloys with Nickel & Monel Metal” in AFS Publication “Casting Copper-Base Alloys”, 2007.

Technical Societies

Has been a member of ASM International since 1967. Has been very active in Steel & Copper Alloy divisions of AFS since 1982.

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