FOR IMMEDIATE RELEASE/POSTING

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POSITION OPENING: Technical Internship – 2015. This is a paid internship for the period February through May, 2015.

CORPORATE OVERVIEW: Metaloy is a cluster of entrepreneurial companies and business units under one umbrella dedicated to recycling and reclamation of byproduct materials generated within the hydrocarbon and/or related industries. Our staff is at one site and works interactively to explore and/or expand unique applications to embrace the concept of Industrial Ecology. Our websites – www.metaloy.com, www.metprorecovery.com and www.mcataservicesllc.com offer a glimpse as to the range of applications Metaloy embraces. We’re seeking an individual interested in working in a dynamic environment within the hydrocarbon industry to solve problems create recycle opportunities while reducing disposal concerns faced by industrial customers. The primary materials that we market/distribute are equilibrium catalyst, activated alumina, molecular sieve and other hazardous and non-hazardous byproducts generated within the industries we serve. We are also developing applications to recover rare earth elements from byproduct catalysts, processes to reuse fluorinated byproducts within the smelting industry and increase the amount of byproducts used within the construction industry.

POSITION SUMMARY: The candidate will assist the Company develop applications using an ED-XRF spectrometer. Several of the projects listed above require the analysis of virgin, processed and byproduct materials using the ED-XRF to evaluate the effectiveness of the processes under development. The candidate will develop standards used to evaluate the materials. The candidate will become directly involved with domestic and international activities as they relate to the use of rare earth elements within the hydrocarbon industry, lighting, automotive, battery and other industries using these materials through our R&D relationship with Battelle Memorial Institute (Columbus).

JOB DUTIES AND RESPONSIBILITIES: Initiate discussions with oil refinery, catalyst manufacturers and related industrial personnel to determine if the byproducts they produce offer an opportunity for Metaloy to use with the projects under development. Work with byproduct generators to understand the chemical/physical characteristics of the byproduct. Work with technical and operational team at the potential consumer location to understand how the offered byproduct will align with their operational requirements (MolyCorp, Grace, BASF).

JOB REQUIREMENTS: Ability to interact with others via the phone, email and in written formats. Strong knowledge in physics, math and chemistry recommended. Ability to organize, convey ideas and create an environment for potential customers to do business with Metaloy. Ability to express ideas clearly in written and oral communications is required. Knowledge of Windows and Microsoft Word and Excel are required. Power Point and Access is desired, but not required.
MINIMUM & DESIRED QUALIFICATIONS: High School education required. Associate or College degree desired and highly encouraged. Individual must have the ability to interact with customers and make calls to various refinery, disposal and related industrial contacts to obtain technical and support information to advance the projects under evaluation.

BUSINESS LOCATION: Metaloy is located within the MAGNET incubator (www.manufacturingsuccess.org) and is on the Cleveland State University campus at 1768 East 25th Street, Cleveland, OH 44114 and can be accessed by public transportation.

Metaloy is an equal opportunity employer.