

FOUNDRY INDUSTRY PROBLEM

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Foundries are currently faced with a problem that will not allow them to potentially realize tens of thousands of dollars of savings. The problem is the inability to collect a sample of furnace emissions that does not contain a chemistry they are injecting to stabilize the heavy metals in the waste. As a result, they cannot submit “untreated” samples for bench-scale treatability analysis.

A treatability analysis could reveal a significant savings in reduced chemistry add rates and, more importantly the price for the treatment chemistry. This last point is particularly important as the industry is seeing \$400 + per ton for certain treatment chemistries. Because of constrained supply issues for these other chemistries, the pricing outlook is unfavorable.

THE TDJ GROUP NO-COST SOLUTION

One possible solution would be to simply shut-off the current injection system and collect an “untreated” sample. However, most foundries understandably do not want to generate hazardous furnace emissions, which would occur if the system was shut-off. This dilemma has allowed *The TDJ Group* to study the problem and develop a workable solution for your foundry. As a result of research and testing, the preferred solution is the development of the Industrial Sampling Unit (ISU) . It can collect an untreated sample upstream from the current injection point of treatment chemistry. The result of our efforts is illustrated in the picture below.



HOW TO CAPITALIZE ON THIS NO-COST OFFER

Please contact *The TDJ Group* at **800-252-7869** and ask for a Technical Sales Representative. After a brief consultation where we will gather data relating to your waste generation, capture and transport, we will set up an appointment to visit your facility. An ISU will be shipped to your facility where a technician will collect a sample of furnace emissions from a convenient location in your ductwork. The collected sample will then be subjected to a bench-scale treatability study with EPA tested and approved chemistries. This analysis will allow *The TDJ Group* to present a cost proposal, which should illustrate a significant savings from the current use of other, high priced treatment chemistries. To take advantage of this NO COST offer and determine just how much savings will be realized, please contact us at **800-252-7869**.

7/07 Rev: 5/09 FoundryIndustryProblemTB004