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April 29, 1994 Herbert Goller Ardex, Inc. 630 Stoops Ferry Road Coraopolis, PA 15108

RE: ARDEX K-15

The following is the test report on the pumping characteristics of the ARDEX K-15 as tested here at Chemgrout on this date. We appreciate your confidence in our equipment and the opportunity to be of service.

The ARDEX K-15 mixed quickly and thoroughly to a smooth, creamy consistency and it was pumped without difficulty.

Conditions:

Inside Warehouse temp. 68 degrees F.

Equipment Used:

CG-540 Grout pump and mixer, and a 1" X 50' grout hose.

Mixing Water Temp.:

68 degrees F.

ARDEX K-15:

Two bags were added to 14 quarts total water in the mixer. With mixer blades running at about 60 RPM a creamy, smooth lump-free consistency was observed after about 30 seconds after the last bag was added.

The batch was pumped and re-circulated for 5 minutes, and then allowed to sit without movement for 5 minutes. Pumping was resumed without problems.

No discoloration or separation was observed. The material appeared to stay in suspension without significant settlement of aggregate.

ChemGrout considers this product to be "excellent for mixing and pumping through the CG-540.

Yours truly,

Marvin Hansen ChemGrout, Inc.