

**JOHNS-MANVILLE RESEARCH
AND ENGINEERING CENTER**

MVL R + D 1990
Memorandum 44-32-91

Date

July 8, 1969

INSTALLATION OF "SUPEREX" SG AT FORD MOTOR COMPANY PLANT AT DEARBORN, MICHIGAN

Requested by: SSR-895 (Complete)

On Thursday, June 26, Louis Kasdan of Cunningham & Walsh Inc. and the writer met with C. W. Wattson and J. Krueger of the Detroit Sales Office to observe installation of our new "SUPEREX" SG insulation in the Ford Dearborn Plant No. 4 stove at blast furnace "C". This was a new blast furnace stove installed to bring the total number of stoves at each of their three blast furnaces to four, thus providing a spare to allow for better maintenance. Approximately 5,000 sq ft of "SUPEREX" SG composed of 3 in. of "SUPEREX" 1900 plus 1 in. of No. 1000 series, 6 pcf "SPIN-GLAS" was required.

The visitation had been arranged by L. Kasdan so that photographs could be taken for advertising purposes. The shots were taken by a photographer furnished from the Ford Motor Company staff. The writer's interest was to find out how acceptable the new product was to the insulation installers and to learn how the material was being utilized.

On arrival at the job site, it was found that installation had advanced to about the 75 ft level and that the "SUPEREX" SG had been positioned early in the morning and was largely shielded by layers of insulating and refractory brick.

After being supplied with hard hats, safety goggles, and coveralls, we were permitted to climb the access ladder within the tank during the lunch period when the workmen were outside. Fortunately, a few blocks of the "SUPEREX" SG had been left over when the last ring of insulation was positioned. It was possible, therefore, to position a group of blocks against the stove wall and take shots simulating handling and installation as well as showing the space relationship between the "SUPEREX" SG and the other insulating materials. The stove fabricated from 5/8 in. welded steel plate was 25 ft in diameter and 110 ft in height. The insulation was being installed at the rate of 3 ft per day which George Schontz, superintendent for William M. Bailey Company, said was exceptionally good progress.

Discussion with the superintendent for A. E. Anderson Company who were installing the insulation revealed that the "SUPEREX" SG installed as readily as regular "SUPEREX"; that the insulation is just placed in position on its end to form a ring with the "SPIN-GLAS" against the stove wall and without the use of any temporary adhesive; that the composite material after several rehandlings and a time elapse of more than 5 months after production was readily positioned as one piece except in the few instances when a carton had obviously been mishandled resulting in most of the glass felts being completely sheared from the "SUPEREX"; that the insulating brick standing on end adjacent to the "SUPEREX" SG was J-M "SIL-C-CEL" Super placed without the use of mortar.

It can be concluded from observation and the information obtained that subject to satisfactory performance in service "SUPEREX" SG can be installed as economically as regular "SUPEREX" and will be well accepted by insulation installers.

pp
Distribution reverse side

PLAINTIFF'S
EXHIBIT
K-1539

K. F. Greene
K. F. Greene

DEFENDANT'S
EXHIBIT

02-110

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