

**EXHIBIT 17**

**List of Discontinued Products**

**(attached as Exhibit KKK to NARCO's January 17, 1986 Purchase Agreement)**

Exhibit KKK

DISCONTINUED PRODUCTS\*  
EASTERN PLANTS

I. SPECIALTIES

Plastics and Ram Mixes

NARCO Silica Plastic	RAMAL 85 G
NARCOLINE D	SHUR-RAM G
CARONINE	RAMAL 85 F
FIRELINE	NARCO 505
STEELINE	HI A1 70 RAM MIX
RAMAL 80 G	NARCAL 70 G

Castables

NARCOCAST ES Fine (Trowel)  
NARCOHEARTH Special Troweling Mix  
AEROCAST  
C&D Hot Top Castable  
NARCOCRETE  
LOW K

Gun Mixes

NARCOGUN FCD 342  
AEROGUN  
GUNSIL (Purchased)

Mortars and Coatings

NO. 99  
NO. 101  
SUPERCHIEF B  
REFCOAT

Basic Specialties

NARCOGUN EF  
NARCOGUN PD-345  
NARCHROME Plastic (Purchased)  
NARCOTE C  
CHROMEGLASS Mortar  
CARMAG 18 RAM

II. BASIC BRICK PRODUCTS

NARMAG 60 and 60 C	SUPER NARTAR AT
NARMAG 60 CR	NARTAR A and AT
NARMAG 60 B	NARTAR B
NARMAG 50 B	CARDIC MR 20-1
NARMAG 70 B	NARGLASS
NARMAG 40	NARCHROME 309 and 309B
NARCHROME B	NARMAG OHW
ROMAG II	NARMAG AI

**DISCONTINUED PRODUCTS  
EASTERN PLANTS  
DATA SHEETS UNAVAILABLE**

**I. SPECIALTIES  
Plastics and Ram Mixes**

**RAMAL 60 G  
SUPERRAM  
Well Block Dressing Mix**

**Castings**

**A-62  
A-63  
NARCOCAST 60 HRC  
NARCO NF 17**

**Gun Mixes**

**GUNCAST  
AEROCAST 30 GUN  
NARCOGUN CO  
SUPER GUN MIX**

**Mortars and Coatings**

**IRONTON ALSET  
NARSET  
NARCARB  
NARCAL 80 Mortar-Dry & Wet**

**Basic Specialties**

**NARMAG Clinker**

**II. BASIC BRICK PRODUCTS**

<b>NARMAG 60 P</b>	<b>CARDIC MR 25-1</b>
<b>SUPER NARTAR AT-X AND ZX</b>	<b>CARDIC MR 25 E3-1</b>
<b>SUPER NARTAR A</b>	<b>CARDIC MR 30-1</b>
<b>NARTAR BT-X and BX</b>	<b>NARMAG 50 AO and 60 AO</b>
<b>NARTAR D</b>	<b>NARMAG 70 BK and 80 BK</b>
<b>CARDIC MR 20 E3-1</b>	<b>BOF BT-M</b>

**III. FIRECLAY AND ALUMINA BRICK**

<b>Ferro Hot Tops</b>	<b>NARCAL 80 S</b>
<b>Ladle Pouring Tile</b>	<b>NARCAL I-70</b>
<b>FARBER AC</b>	

**III. FIRECLAY AND ALUMINA BRICK**

FLINT P  
ERIE  
NARCAL 606 and 606I  
NARMULL  
FARBER and FARBER C

NARCO 68 BUNG and NARCO 68 N  
NARCAL 80 C and 80 B and 80 D and 80 M  
NARCAL X  
NARCAL 70  
ACID H

**IV. OTHER**

NA-20-23-26-28-30 IFB  
NARCO BLOCK INSULATION  
SUPER DUTY FIRECLAY MIXTURE  
IRONTON FIRECLAY

**DISCONTINUED PRODUCTS**

CURWENSVILLE, PA  
WOMELSDORF, PA  
FARBER, MO

NARCO 344  
FARBER  
-FARBER-  
LR  
NARCAL 70G  
KING  
ROCKTON

FFB  
LK  
NARCO 68 SP  
KEYSTONE  
NARCAL 70 EF  
SEMAC

NARCAL HIGH ALUMINA MORTAR  
ADAMANT  
NARCOBOND, O, H, & L  
CRESCENT 100  
NARCO GUN MIX #25 & #30  
CHRISCO CAST  
NARCOLINE D & M  
NARCO SUPERSSET PLASTIC  
NARCOHEARTH (quick setting)  
NARCAL 80 MORTAR D & W

#301 HI-TEMPERATURE CEMENT  
NARCO BAFFLE MIXES  
BLUE JACKET  
FERRO NARCOSET  
#505 FURNACE PATCH  
NARCO SUPER 505 GUN A, B, & C  
E-Z CAST  
#802 FURNACE PATCH  
NARCO BAFFLE MIX (quick setting)

DOVER, OHIO  
STRASBURG, OHIO

DOVER  
DOVER FLINT  
CREST  
SAVAGE

BUCKEYE  
OHIO WIRE CUTS  
OHL

IV. OTHER

STAZON  
UNICOTE  
SURFACE SEAL  
CHARCOAL BRIQUETTES  
FIRECLAY MIXTURE

DISCONTINUED PRODUCTS  
WESTERN PLANTS

VICTORVILLE

PYRO MOLD WASH  
ULTRALITE 90 X  
PYROCON L-4  
PYROCON L-54  
PYROCON S3  
PYROCON L4S  
PYROCON A3  
PYROCON L51  
PYROCON L

ULTRALITE 90  
PYROCON L-1  
PYROCON L-5  
PYROCON T-4  
PYROCON L1S  
PYROCON L1Z  
PYROCON A2  
PYROCON L MORTAR

PITTSBURGH

GM-80

INDIAN HILL

#110 CASTABLE  
#120 CASTABLE  
#130 CASTABLE

ULTRARAM 60 PLASTIC  
ULTRARAM 85 PLASTIC  
ULTRARAM 90 PLASTIC  
ULTRA-BOND MORTAR

DISCONTINUED PRODUCTS  
MANUFACTURED AT CLOSED PLANTS

CLEARFIELD, PA  
LUMBER CITY, PA

Lumber City  
Good  
Monarch  
Patton  
Ford  
Flint Arrow  
Liberty  
Bick  
Bernard  
Curco  
Paxon  
Suskana  
Duro

VANPORT, PA

WO-1149 EF GUN MIX  
NARMAG GUN 50  
WO-1150 BOF GUN MIX  
NARMAG GUN 50 P  
WO-1239 BOF GUN MIX  
WO-1151 BOTTOM MIX  
WO-1305-1 PHOS BOND GUN MIX  
WO-1319 SILICATE BOND GUN MIX

FROSTBURG, MARYLAND

SAVAGE MOUNTAIN

SM

DISCONTINUED PRODUCTS

IRONTON, OHIO

IRONTON SUPER DUTY  
IRONTON S  
CLARION  
CAVALIER

IRONTON STEEL  
IRONTON PAVERS  
PEERLESS  
AL-70

IRONTON ALSET  
IRONTON BERLITE  
IRONTON GRAN-O-BOND  
IRONTON DU-RITE  
IRONTON HI-AL  
IRONTON STEEL-LINE  
IRONTON INSULATE 50,70 & 80  
IRONTON BAFFLE-CAST  
IRONTON FIRELINE  
IRONTON REFCOAT

IRONTON OVEN PATCH 109  
IRONTON RED-I  
IRONTON NOJOINT, SUPER  
IRONTON NOJOINT  
IRONTON BLACK JACK  
IRONTON BLACK PLASTIC  
IRONTON CASTABLE 15,20,24,27,30  
& TROWELLING MIXES  
IRONTON CARO-LINE  
IRONTON GROUND FIRECLAYS & CALCINES

ASHLAND, KY  
HAYWARD, KY

ASHLAND  
ASHLAND ENSIGN  
ASHLAND SAVAGE  
ASHCO  
NARCO 69  
ASHLAND ASHFRAX # 50

ASHLAND HIGRADE  
ASHLAND EMPIRE CROWN  
ASHLAND CROWN  
ASHLAND BF  
ASHLAND PAVERS  
ASHLAND ASHFRAX # 60

DISCONTINUED PRODUCTS

DAGUSCAHONDA, PA  
LOCK HAVEN  
NORTH BEND  
RENOVO  
ST. MARYS

ST. MARYS  
ELK STEEL  
ROTEK  
POWER  
GRAFTEK  
NARCAL G  
ELK  
ELKO  
ELKCO

BETSON  
GRAPSET D

PERCO  
M. D. ELK  
DAGUS  
NORTH BEND  
QUEENS RUN  
OR GLASS  
ARMOR  
WEST BRANCH  
RELAINCE

NARCO #606 HOT PATCH  
GRAPHSET W

DISCONTINUED PRODUCTS

MOUNT UNION, PA  
NOMELSDORF, PA  
(CLOSING OF THE SILICA BRICK PLANTS)

MT U  
MT U-R  
NARSIL

MJ  
MT U-G  
LO-SP

MT U SILICA CEMENT  
NARCO-SIL  
GRAFSET S  
SIL GLAS  
MT U GROUND GANISTER

MT U COKE OVEN SILICA CEMENT  
NARCOBOND S  
NARCO GUN. S. 322  
SILICA RAMMING MIX  
MT U GROUND SILICA BATS

DISCONTINUED PRODUCTS  
WORK ORDERS

All work orders with numbers less than 1900 have been discontinued with the exception of those numbers listed below.

849	1619	1795
1113	1624	1798
1141	1630	1799
1275	1632	1800
1284	1645	1805
1364	1655	1811
1404	1658	1817
1414	1662	1824
1421	1666	1825
1422	1669	1828
1423	1673	1840
1430	1680	1846
1443	1691	1849
1447	1694	1857
1450	1696	1858
1473	1703	1863
1474	1704	1866
1501	1726	1869
1502	1730	1876
1560	1739	1878
1564	1741	1879
1568	1743	1888
1578	1744	1889
1580	1748	1891
1595	1755	1892
1602	1768	1893
1603	1769	1896
1606	1792	1897
1607	1793	
1608	1794	
1609		

\* Seller reserves the right to assert that any of the products contained in Exhibit KKK were in fact not a Discontinued Product by reason of the subsequent production, manufacture or sale of a substantially similar product by the Buyer after the closing.

DISCONTINUED PRODUCTS

ANTI ERODE TROWELL  
\*AEROGUN  
BOF-COTE  
BOF-PATCH  
CM GUN MIX  
CM-18 GUN MIX  
MC-GUN MIX  
\*NARCOCAST ES FINE  
NARCOCRETE  
\*NARCOGUN CO  
NARCOGUN CM-343

NARCOGUN CR-346  
NARCOGUN CR-346 NN  
NARCOGUN CRD-347  
NARCOGUN MC-339  
NARCOGUN MCD-344  
NARCOGUN P-340  
NARCOGUN PD-345  
NARCOGUN SD-336  
NARCOLITE  
NARMAG OH GUN MIX  
SUPER 505 HOT GUN C  
WO-339 (MC GUN)

BASIC BRICK