

- 1. MATERIAL CODE: 96424143
- 2. MATERIAL : STEEL
- 3. QUANTITY / FEEDER: 3 Nos.
- 4. LOCATION : CONDUIT ASSEMBLY.
- 5. FEEDER SIZE: 36" / 24"
- M/S STOCK PART NO. FE 837

NOTE

- TOLERANCE: UNTOLERENCED DIMENSIONS TO BE MAINTAINED WITHIN ±0.2 mm.
- SHALL BE FREE FROM CRACKS AND SHARP CORNERS TO BE ROUNDED OFF. TO BE GALVANIZED TO A THICKNESS OF 0.008 TO 0.012 mm.

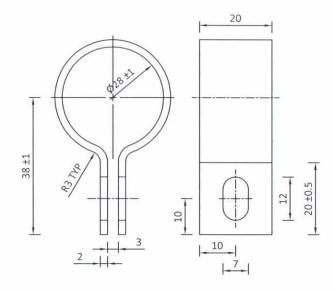
THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-138 REV.03

TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | Bharat | Heavy Elect | ricals Ltd | | DRN | N A M E S.Kalaiselvi | SIGNATURE | DATE 11-04-18 | NO. OF VAR |
|---------------|-------------|------------------|-------------|----------|--------|-------------------------|-------------|------------------|---------------|
| BLEET | UNIT : HIC | 6H PRESSURE BO | OILER PLANT | | CHD | K.Veeramani | K. Jallu | 30-07-18 |] |
| | TIR | JCHIRAPPALLI - 6 | 20014 | | APPD | T.Kanagaraj | 7. Campy | 30-07-18 | |
| DEPT. : C & I | | ALL | SCALE | WEIGH. | Г (Кg) | REF TO ASSY / OLD DW | /G | ITEM NO | No OF |
| C O D E : 392 | | ARE IN MM | NTS | I | — | | | H | |
| TITLE: | | | | | CARD | DRAWING NO | : | | REV |
| | HNICAL SPEC | CIFICATION F | FOR | | U 01 | 4-9 | 5-488-05874 | | 00 |
| | _,_ 505 | | | | | | She | et 01 of 01 | |

| REV | DATE | ALTERED: | |
|-----|------|-------------|--|
| | | CHD./APPD.: | |



- 1. MATERIAL CODE: 96424145
- 2. MATERIAL : STEEL
- 3. QUANTITY / FEEDER: 1 No.
- 4. LOCATION : CONDUIT ASSEMBLY.
- 5. FEEDER SIZE: 36" / 24"
- 6. M/S STOCK PART NO. FE 7880

NOTE

- TOLERANCE: UNTOLERENCED DIMENSIONS TO BE MAINTAINED WITHIN ±0.2 mm.
- SHALL BE FREE FROM CRACKS AND SHARP CORNERS TO BE ROUNDED OFF. TO BE GALVANIZED TO A THICKNESS OF 0.008 TO 0.012 mm.

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-139 REV.02

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

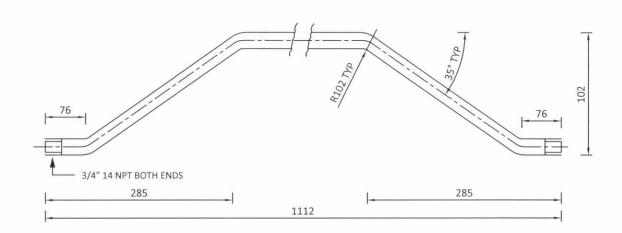
GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | Bharat | Heavy Elect | ricals Ltd | | DRN | S.Kalaiselvi | Sodarkelos | 11-04-18 | VAR |
|-------------|--------------|------------------|------------|--------|--------|---------------------|--------------|-------------|-------|
| 13/1/18/2 | | SH PRESSURE BO | | | CHD | K.Veeramani | SK. Valler | 30-07-18 | |
| | TIRI | UCHIRAPPALLI - 6 | 20014 | | APPD | T.Kanagaraj | T. Cargay | 30-07-18 | |
| DEPT. : C&I | | ALL | SCALE | WEIGHT | Г (Kg) | REF TO ASSY / OLD D | owg | ITEM | No OF |
| | | DIMENSIONS | | | | | | NO | ITEMS |
| CODE: 392 | 7 | ARE IN MM | NTS | - | _ | | | | - |
| TITLE: | | | | | CARD | DRAWING N | 0: | | REV |
| TECL | INICAL CDEC | CICICATION | -O.D. | | CODE | | | | |
| TECH | TIVICAL SPEC | CIFICATION F | -OK | | | 4-0 | 95-488-05875 | | 00 |
| | 3/4" U | CLAMP | | | U 01 | 7. | 33 400 03073 | | 00 |
| | -/ . | | | | | | She | et 01 of 01 | |

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IT MUST NOT BE USED DIRECTLY OR INDIRECTLY
IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL.

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: THE INTEREST OF BHEL.
: THE IN



DETAIL

- 1. MATERIAL CODE: 96424146
- 2. QUANTITY / FEEDER: 1No.
- 3. LOCATION: CONDUIT ASSEMBLY.
- 4. MATERIAL: CARBON STEEL PIPE A120 OR EQUIVALENT 3/4" SCH 40
- 5. FEEDER SIZE: 36"

CAUTION:

6. M/S STOCK PART NO. B 10161-1

${\sf NOTE}$

- BLACK OXIDE COATED OR GALVANISHED TO A THICKNESS OF 0.025MM
- 2. LENGTH BEFORE BENDING 1170 +5 -0.

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-141 REV.00

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | UNIT : HIC | Heavy Elect GH PRESSURE BO UCHIRAPPALLI - 6 | DILER PLANT | | DRN CHD APPD | N A M E S.Kalaiselvi K.Veeramani T.Kanagaraj | SIGNATURE Salwseles L. Cam. | DATE 11-04-18 30-07-18 30-07-18 | NO. OF VAR |
|---------------------------|------------|---|--------------|--------|----------------------|---|-----------------------------------|--|-----------------------|
| DEPT. : C&I CODE : 392 | | ALL DIMENSIONS ARE IN MM | SCALE NTS | WEIGHT | - (Kg) | REF TO ASSY / OLD DWG | | NO | No OF ITEMS ⊢—— |
| TITLE: | | CIFICATION F | FOR | | CARD CODE U 01 | drawing no | 5-488-05876 | et 01 of 01 | REV 00 |

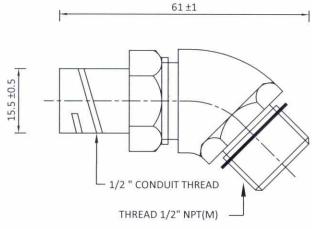
THE INFMN ON THIS DOCUMENT IS THE PROPERTY OF BHEL.

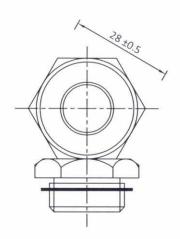
IT MUST NOT BE USED DIRECTLY OR NDIRECTLY
IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL.

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CHOAVEN TO THE INTEREST OF BHEL.

CAUTION:





DETAIL

MATERIAL CODE: 96424159

2. QUANTITY / FEEDER: 5 Nos.

3. LOCATION: CONDUIT ASSEMBLY.

4. MATERIAL: CAST IRON

5. FEEDER SIZE: 36" / 24"

NOTE

LOCK NUT SHALL BE ZINC PLATED TO 8-12 MICRONS.

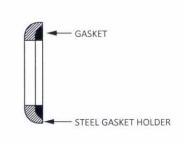
THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-162 REV.02

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

SIGNATURE. DATE 11-04-18 NAME NO. OF Bharat Heavy Electricals Ltd वी एच ई एल DRN S.Kalaiselvi UNIT: HIGH PRESSURE BOILER PLANT CHD K.Veeramani 30-07-18 TIRUCHIRAPPALLI - 620014 APPD 30-07-18 T.Kanagaraj ITEM No OF ALL SCALE WEIGHT (Kg) REF TO ASSY / OLD DWG DEPT. : C&I ITEMS DIMENSIONS NTS CODE: 392 ARE IN MM DRAWING NO: REV CARD TITLE: CODE TECHNICAL SPECIFICATION FOR 4-95-488-05879 00 U 01 CONNECTOR - 45° 1/2" CONDUIT - 1/2" NPT(M) Sheet 01 of 01

| | REV | DATE | ALTERED: |
|--|-----|------|----------------------------------|
| | | | CHD./APPD.: |
| THE INFMN ON THIS DOCUMENT IS THE PROPERTY OF BHEL. C.A. U.T.I.O.N.: IT MUST NOT BE USED DIRECTLY OR INDRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL | | | |
| | | 1. ! | DETAIL MATERIAL CODE : 96424162 |
| | | 1 | QTY. / FEEDER: 9 Nos. |
| | | 1 | OCATION : CONDUIT ASSEMBLY |
| | I | | |
| | | 4. 1 | MATERIAL: SHEET STEEL WITH I |



NEOPRENE RUBBER

NOTE

1. DIMENSIONAL TOLERENCE ±1 MM

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-166 REV.01

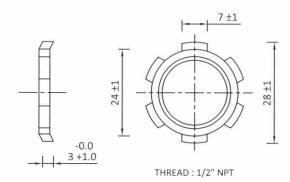
TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | Bharat | Heavy Electr | ricals Ltd | | DRN | N A M E S.Kalaiselvi | SIGNATURE | DATE 11-04-18 | NO. OF |
|-------------|-------------|----------------------------|-----------------|--------|-------|-------------------------|-------------|------------------|----------------|
| BLESEL | | 6H PRESSURE BO | a retroposition | | CHD | K.Veeramani | K. V Carei | 30-07-18 |] |
| 27733 | TIRI | JCHIRAPPALLI - 62 | 20014 | | APPD | T.Kanagaraj | 7. Campy | 30-07-18 | |
| DEPT. : C&I | | ALL DIMENSIONS | SCALE | WEIGHT | Γ(Kg) | REF TO ASSY / OLD DW | /G | ITEM NO | No OF ITEMS |
| CODE:392 | 9 | ARE IN MM | NTS | - | |) | | ⊢ | - |
| TITLE: | | | | | CARD | DRAWING NO | : | | REV |
| TECH | | CIFICATION F ET SEALING | FOR | | U 01 | 4-9 | 5-488-05882 | | 00 |
| | 1/2 0/10/11 | I SEALING | | | | | She | et 01 of 01 | |

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C.A. U.T.I.O.N.: IT MUST NOT BE USED DIRECTLY OR INDIRECTLY
IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL



DETAIL

- 1. MATERIAL CODE: 96424171
- QUANTITY / FEEDER: 9 Nos.
- 3. LOCATION: CONDUIT ASSEMBLY.
- 4. MATERIAL : CAST IRON
- 5. FEEDER SIZE: 36" / 24"

NOTE

LOCK NUT SHALL BE ZINC PLATED TO 8-12 MICRONS.

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-167 REV.02

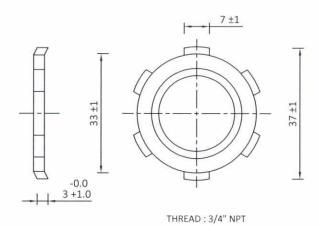
TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| | वी एच ई एल | Bharat | Heavy Elect | ricals Ltd | | DRN | N A M E S.Kalaiselvi | SIGNATURE | DATE 11-04-18 | NO. OF VAR |
|---|-------------|-----------------------------------|-------------------------|------------|--------|-------------|-------------------------|------------|------------------|----------------|
| | BLEJEU | UNIT : HIGH PRESSURE BOILER PLANT | | | CHD | K.Veeramani | 1. Valeri | 30-07-18 | ⊢ | |
| | (277,33) | TIRI | UCHIRAPPALLI - 6. | 20014 | | APPD | T.Kanagaraj | 7. burgan | 30-07-18 | |
| | DEPT. : C&I | | ALL DIMENSIONS | SCALE | WEIGHT | (Kg) | REF TO ASSY / OLD DWG | | ITEM NO | No OF ITEMS |
| | CODE:392 | 9 | ARE IN MM | NTS | - | -1 | F | | ⊢ | |
| | TITLE: | | | | | CARD | DRAWING NO | | | REV |
| | TECH | INICAL SPEC | CIFICATION F UT 1/2" | OR | | U 01 | 4-95 | -488-05883 | | 00 |
| 1 | | | 2,000 | | | | | She | et 01 of 01 | |

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| DATE | ALTERED: | |
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| | CHD./APPD.: | |
| | CHD./APPD.: | |
| | | |
| | DATE | DATE ALTERED: |



DETAIL

- 1. MATERIAL CODE: 96424172
- 2. QUANTITY / FEEDER: 4 Nos.
- 3. LOCATION: CONDUIT ASSEMBLY.
- 4. MATERIAL: STEEL
- 5. FEEDER SIZE: 36" / 24"

NOTE

. LOCK NUT SHALL BE ZINC PLATED TO 8-12 MICRONS.

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-172 REV.02

TYPE OF PRODUCT
OR NAME OF
CUSTOMER / PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | | Heavy Elect | | | DRN | N A M E S.Kalaiselvi | Stalaw seller | 11-04-18 | NO. OF |
|-------------|---------------|------------------|---------|----------|--------|-------------------------|---------------|-------------|--------|
| BLYTEC | 5000 100 0000 | | | | CHD | K.Veeramani | K. VOLER | 30-07-18 | |
| | TIK | UCHIRAPPALLI - 6 | 20014 | | APPD | T.Kanagaraj | 1. Caugay | 30-07-18 | |
| DEPT. : C&I | 1 | ALL | SCALE | WEIGHT | Г (Kg) | REF TO ASSY / OLD DV | VG | ITEM | No OF |
| | | DIMENSIONS | (SVISIO | | | | ž 9 | NO | ITEMS |
| CODE: 392 | 7 4 | ARE IN MM | NTS | <u> </u> | — | | — | - | |
| TITLE: | | | , | | CARD | DRAWING NO |): | *** | REV |
| TECH | INICAL SPEC | CIFICATION F | OR | | CODE | | | | |
| TECT | | | OII | | U 01 | 4-9 | 5-488-05885 | | 00 |
| | 3/4" LO | CKNUI | | | 0.01 | | She | et 01 of 01 | |

| REV | DATE | ALTERED: | | | | |
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| | | CHD./APPD.: | | | | |
| | | -0.0 3 +1.0 | | 59 ±1 | | |
| | | THREAD : 1 1/2" NP DETAIL ATERIAL CODE : 96424174 TY. / FEEDER : 2 Nos. | 1. | NOTE LOCK NUT SHALL BE ZINC PLATED TO 8-12 MICR | ONS. | |
| i. | 3. L0 | OCATION : CONDUIT ASSEMBLY. ATERIAL : STEEL EEDER SIZE : 36" / 24" | | | | |
| O F | PE OF F | G SUPERSEDS EARLIER SPEC. NO. GF-182 REV.02 PRODUCT OF GF R / PROJECT | RAVIMETRIC COAL | . FEEDER CONTROLS | | |
| | एच ई एल | Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLA TIRUCHIRAPPALLI - 620014 | NT CHD | NAME S.Kalaiselvi K.Veeramani T.Kanagaraj | 30-07-18 30-07-18 | NO. |
| | PT. : C & I D E : 392 | ALL SCALE DIMENSIONS ARE IN MM NTS | WEIGHT (Kg) | REF TO ASSY / OLD DWG | | No ITE |
| | | | | | | |

TECHNICAL SPECIFICATION FOR

1 1/2" LOCK NUT

Sheet 01 of 01

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4-95-488-05890

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| REV | DATE | ALTERED: | | | |
|---------|--------------------------------|--|-----------|--------------------|--|
| | | CHD./APPD.: | | | |
| | 2. Q 3. L0 4. M 5. FI | DETAIL IATERIAL CODE: 96424170 UANTITY / FEEDER: 1 No. DCATION: CONDUIT ASSEMBLY. IATERIAL: ALUMINIUM EEDER SIZE: 36" / 24" NOTE IMENSIONAL TOLERENCE ±1 MM | 128 73 60 | | THREADED COVER 3/4 " NPT THREAD |
| 425 111 | PE OF | G SUPERSEDS EARLIER SPEC. NO. GF-183 REV.01 | | | |
| 1 | R NAME JSTOME | OF GRAV | IMETRIC | COAL | NAME SIGNATURE DATE NO.0 |
| वी | एच ई एल श्रीहिंद्र | Bharat Heavy Electricals Ltd UNIT: HIGH PRESSURE BOILER PLANT TIRUCHIRAPPALLI - 620014 | | DRN CHD APPD | S.Kalaiselvi S.I.G.N.A.T.U.R.E. D.A.T.E. 11-04-18 NO. O. VAR K.Veeramani 30-07-18 T.Kanagaraj 30-07-18 |
| | PT. : C & I | ALL SCALE DIMENSIONS ARE IN MM NTS | WEIGHT | (Kg) | REF TO ASSY / OLD DWG ITEM NO O |
| TIT | TLE: | TECHNICAL SPECIFICATION FOR | | CARD | DRAWING NO: |

TECHNICAL SPECIFICATION FOR

PULL BOX OUTLET

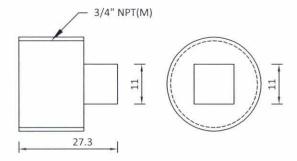
Sheet 01 of 01

4-95-488-05891

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| | REV | DATE | ALTERED: |
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| | | | CHD./APPD.: |
| IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL | | | |
| IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF BHEL | | | |
| IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF | | | |
| LY OR II | | | |
| INECTI TAL TO | | | |
| USED [| | | |
| OT BE | | | |
| N W | | | 3/4" NPT(M) |
| | | | |
| Z | | | |
| | | | |
| CAUTION: | | | <u> </u> |



- 1. MATERIAL CODE: 96424175
- 2. QUANTITY / FEEDER: 2 Nos.
- 3. LOCATION: CONDUIT ASSEMBLY.
- 4. MATERIAL: STEEL
- 5. FEEDER SIZE: 36" / 24"

NOTE

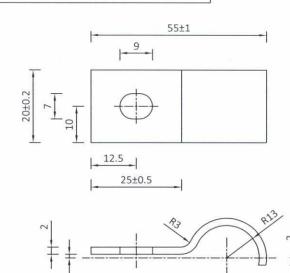
- PLUG SHALL BE ZINC PLATED TO 12 MICRONS.
- 2. DIMENSIONAL TOLERENCE +0.5MM.

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-189 REV.01

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | Bharat Heavy Electricals Ltd | | | DRN | N A M E S.Kalaiselvi | SIGNATURE | DATE 11-04-18 | NO. OF VAR | |
|-----------------------------|------------------------------|------------------|-------------|-------|-------------------------|----------------------|------------------|---------------|----------|
| BINEL | 20110000000 | SH PRESSURE BO | | | CHD | K.Veeramani | K. Valer | 30-07-18 | |
| | TIRI | UCHIRAPPALLI - 6 | 20014 | | APPD | T.Kanagaraj | 7. burgo | 30-07-18 | |
| DEPT. : C & I | 1000 100 | ALL | SCALE | WEIGH | Г (Kg) | REF TO ASSY / OLD DW | /G | ITEM | No OF |
| DEFTC&T | | DIMENSIONS | 100-000-000 | | | 2211. | | NO | ITEMS |
| C O D E : 392 | 9 | ARE IN MM | NTS | 1 | | ĺ | | | — |
| TITLE: | | | | | CARD | DRAWING NO | : | | REV |
| TECH | ANICAL SDEC | CIEICATION F | FOR | | CODE | | | | 20000000 |
| TECHNICAL SPECIFICATION FOR | | | | | U 01 | 4-9 | 5-488-05892 | | 00 |
| | 3/4" NPT | (M) PLUG | | | 0 01 | MI WES | | | 1 100 |
| | | | | | 1 1 | | She | et 01 of 01 | I |



- 1. MATERIAL CODE: 96424144
- 2. NO OF FEEDER: 1
- 3. LOCATION: CONDUIT ASSEMBLY.
- 4. MATERIAL : STEEL
- 5. FEEDER SIZE: 36" / 24"
- 6. M/S STOCK PART NO. FE 561

NOTE

- TOLERANCE: UNTOLERENCED DIMENSIONS TO BE MAINTAINED WITHIN ±0.2 mm.
- SHALL BE FREE FROM CRACKS AND SHARP CORNERS TO BE ROUNDED OFF. TO BE GALVANIZED TO A THICKNESS OF 0.008 TO 0.012 mm.

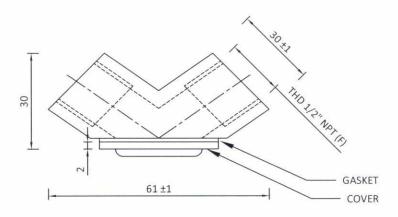
THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-155 REV.02

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | | | | | DRN | N A M E S.Kalaiselvi | SIGNATURE | DATE 11-04-18 | NO. OF VAR |
|--|----------|-------------------|-------|-------------|--------------|-------------------------|-------------|------------------|----------------|
| [/ 63 / 7 / 2 / 2] | | | CHD | K.Veeramani | K. Jan | 30-07-18 |] | | |
| | TIR | UCHIRAPPALLI - 6 | 20014 | | APPD | T.Kanagaraj | T. Cargan | 30-07-18 | |
| DEPT. : C&I | | ALL DIMENSIONS | SCALE | WEIGHT | Γ(Kg) | REF TO ASSY / OLD DW | G | ITEM NO | No OF ITEMS |
| CODE:392 | | ARE IN MM | NTS | - | _ | ŀ | | | |
| TITLE: | | | | | CARD | DRAWING NO | : | | REV |
| TECHNICAL SPECIFICATION FOR 3/4" CONDUIT CLAMP | | | | | CODE U 01 | 4-9! | 5-488-05895 | | 00 |
| | 3/4 COND | OII CLAIVII | | | | | She | et 01 of 01 | |

| | ALTERED: | DATE | REV |
|-------------|-------------|--------------|-------------|
| CHD./APPD.: | CHD./APPD.: | | |
| | _ | CHD./APPD. : | CHD./APPD.: |



- 1. MATERIAL CODE: 96424166
- 2. QUANTITY / FEEDER: 1 No.
- 3. LOCATION : CONDUIT ASSEMBLY.
- 4. MATERIAL : CAST IRON
- 5. FEEDER SIZE: 36" / 24"

NOTE

1. LOCK NUT SHALL BE ZINC PLATED TO 8-12 MICRONS.

THIS DRG SUPERSEDS EARLIER SPEC. NO. GF-164 REV.02

TYPE OF PRODUCT OR NAME OF CUSTOMER / PROJECT

GRAVIMETRIC COAL FEEDER CONTROLS

| वी एच ई एल | | | | | DRN | N A M E S.Kalaiselvi | SIGNATURE | DATE 11-04-18 | NO. OF VAR |
|---------------|---|-------------------|-------------|--------|--------|-------------------------|-------------|------------------|----------------|
| BUIEL | UNIT : HIC | SH PRESSURE BO | DILER PLANT | | CHD | K.Veeramani | K. Veleni | 30-07-18 | |
| | TIR | JCHIRAPPALLI - 6 | 20014 | | APPD | T.Kanagaraj | T. brugon | 30-07-18 | |
| DEPT. : C&I | | ALL DIMENSIONS | SCALE | WEIGH" | Γ (Kg) | REF TO ASSY / OLD DWG | 3 | ITEM NO | No OF ITEMS |
| C O D E : 392 | | ARE IN MM | NTS | - | | Ĥ | | | ш |
| TITLE: | TITLE: | | | | | DRAWING NO | | | REV |
| | TECHNICAL SPECIFICATION FOR 90° ELBOW PULLING 1/2" NPT(F) | | | | | 4-95 | 5-488-05896 | | 00 |
| 30 1 | LLDOWFOLL | | . (.) | | | | She | et 01 of 01 | |



Bharat Heavy Electricals Limited HIGH PRESSURE BOILER PLANT, TIRUCHIRAPPALLI 620 014.

TECHNICAL DELIVERY CONDITIONS

FOR SUB - DELIVERY COMPONENTS OF

CONTROLS & INSTRUMENTATION

TDC: TCI: 350 / REV 00

PAGE 01 OF 02

TECHNICAL SPECIFICATION FOR

GRAVIMETRIC FEEDER CONTROLS FLEXIBLE CONDUIT -1/2"

| 00 | 12/04/2018 | Initial Release | Andrew Editor | 1. Jacou | 7. banger |
|-------------|------------|-----------------|---------------|----------|-----------|
| | | | [SK] | [KV] | [TK] |
| Rev. No. | DATE | DESCRIPTION | PREPARED | REVIEWED | APPROVED |

Note: This spec. supersedes spec. GF-160 / Rev.02

- 1. Application: For taking power, control and shielded cables in feeder control system.
- 2. Material code: 964241490000
- 3. Quantity: 12 Metres / Feeder
- 4. Material & type of conduit: Galvanized steel (0.008 0.012 mm), PVC Extruded and Flexible.
- 5. Construction: Square lock construction. Surface to be finished smooth & wrinkle formation to be avoided.
- 6. Conduit shall be suitable for withstanding a temperature of 70°C.
- 7. Conduit shall be packed for proper protection against transit damage, Transportation may be by rail or road.
- 8. Suitable end caps shall be supplied.
- Conformity certificate for PVC as well as temperature withstanding capability shall be furnished.
- 10. Test for liquid tightness shall be done as follows and test certificate to be furnished.

"Water shall be splashed all over the conduit from a distance of 1 meter for a period of 15 minutes at a pressure of 5 PSI."



Bharat Heavy Electricals Limited HIGH PRESSURE BOILER PLANT, TIRUCHIRAPPALLI 620 014.

TECHNICAL DELIVERY CONDITIONS

FOR SUB - DELIVERY COMPONENTS OF

CONTROLS & INSTRUMENTATION

TDC: TCI: 351 / REV 00

PAGE 01 OF 02

TECHNICAL SPECIFICATION FOR GRAVIMETRIC FEEDER CONTROLS

FLEXIBLE CONDUIT -1 1/2"

| 00 | 12/04/2018 | Initial Release | Skalaizekod | K. Call | T. Carrell |
|-------------|------------|-----------------|-------------|----------|------------|
| Rev. No. | DATE | DESCRIPTION | PREPARED | REVIEWED | APPROVED |

Note: This spec. supersedes spec. GF-178 / Rev.02

- 1. Application: For taking power, control and shielded cables in feeder control system.
- 2. Material code: 964241520000
- 3. Quantity: 1 Metre / Feeder
- r4. Material & type of conduit: Galvanized steel (0.008 0.012 mm), PVC Extruded and Flexible.
- 5. Construction: Square lock construction. Surface to be finished smooth & wrinkle formation to be avoided.
- 6. Conduit shall be suitable for withstanding a temperature of 70°C.
- 7. Conduit shall be packed for proper protection against transit damage, Transportation may be by rail or road.
- 8. Suitable end caps shall be supplied.
- Conformity certificate for PVC as well as temperature withstanding capability shall be furnished.
- 10. Test for liquid tightness shall be done as follows and test certificate to be furnished.

"Water shall be splashed all over the conduit from a distance of 1 meter for a period of 15 minutes at a pressure of 5 PSI."



Bharat Heavy Electricals Limited HIGH PRESSURE BOILER PLANT, TIRUCHIRAPPALLI 620 014.

TECHNICAL DELIVERY CONDITIONS

FOR SUB - DELIVERY COMPONENTS OF

CONTROLS & INSTRUMENTATION

TDC: TCI: 352 / REV 00

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TECHNICAL SPECIFICATION FOR

GRAVIMETRIC FEEDER CONTROLS FLEXIBLE CONDUIT -3/4"

| 00 | 12/04/2018 | Initial Release | Shadaisellos / | K. Valer | T. baugan |
|-------------|------------|-----------------|----------------|----------|-----------|
| Rev. No. | DATE | DESCRIPTION | PREPARED | REVIEWED | APPROVED |

Note: This spec. supersedes spec. GF-168 / Rev.02

- 1. Application: For taking power, control and shielded cables in feeder control system.
- 2. Material code: 964241500000
- 3. Quantity: 4 Metres / Feeder
- 4. Material & type of conduit: Galvanized steel (0.008 0.012 mm), PVC Extruded and Flexible.
- 5. Construction: Square lock construction. Surface to be finished smooth & wrinkle formation to be avoided.
- 6. Conduit shall be suitable for withstanding a temperature of 70°C.
- 7. Conduit shall be packed for proper protection against transit damage, Transportation may be by rail or road.
- 8. Suitable end caps shall be supplied.
- Conformity certificate for PVC as well as temperature withstanding capability shall be furnished.
- 10. Test for liquid tightness shall be done as follows and test certificate to be furnished. "Water shall be splashed all over the conduit from a distance of 1 meter for a period of 15 minutes at a pressure of 5 PSI."