ASPECT CONTROL CHART

DN ⟶ ⟵ UP

SIG.4, SIG.2, D12, SIG.12, SIG.6/8, SIG.11, SIG.3, SIG.1, D1, SIG.5, SIG.5/7

AT PANEL ROOM

P-72	P-71	CH-7	CH-6	CH-5	CH-4	CH-3	CH-2	CH-1
KEY LOCK POINT	KEY LOCK POINT	PT.-60	PT.-58,59	PT.-57	PT.- 55	PT.-53	PT.-52	PT.-51

CRANK HANDLE WELDED OR REVETTED WITH KEY.

TO BENGAL COAL CO. SDG. GOOMTY

TO BE TAKEN BY THE GUARD FOR ENTERING IN AND COMING OUT FROM BENGAL COAL CO. SIDING WHICH WILL BE RELEASED THROUGH T.O.L POSITION OF THE B/INST.

AT GATE LODGE - 11/C

EKT 'A'	CONTROLLED BY G-31 EKT 'B'	EMERGENCY KEY	SLIDING KEY R1	YELLOW	GREEN	RED
KEY 'A' TO COME OUT FROM EKT 'A' AFTER BOOM LOCKING AND CLOSING THE DETECTION CONTACT	KEY 'A' TO COME FROM EKT 'A' OR SLIDING BOOM	(NON LOCK TYPE) ARMATURE REMOVED SEALED	(NON LOCK TYPE) ARMATURE REMOVED	GATE OPEN BUTTON	GATE CLOSE BUTTON	GATE EMERGENCY BUTTON

AT G.L.

1. KEY 'A' TO COME FROM GATE WINCH MACHINE TO RELEASE ARC LEVER IN 'N' POSITION FOR BOOM LOCKING
2. KEY 'B' TO COME FROM ARC LEVER (IN 'R' POSITION) AFTER BOOM LOCKING AND TO BE INSERTED IN GATE KEY LOCK TO RELEASE THE SIG.

ROD FOR BOOM LOCKING

KEY LOCK 'B' CONTROLLED BY G-31	KEY LOCK EB
KEY 'B' FROM BOOM LOCKING LEVER OR SLIDING BOOM	EMERGENCY KEY (NON LOCK TYPE) ARMATURE REMOVED

DETAILS OF LEVEL CROSSING

SR.NO.	LC-NO	KM	E/T	M/UM	TVU	CLASS	BLOCK SECTION	REMARKS
1	4/8-2/T	303-045	T	M	29605/12-17	B-2	KFT-RHR	
2	4/8-1/E	278-430	E	M	28017/01-18	B-1	KFT-RHR	TO BE CLOSED AFTER COMMISSIONING OF LHS
3	7/8-1/8	297-700	E	M	24139/01-18	B-1	KFT-RHR	TO BE CLOSED AFTER COMMISSIONING OF LHS

SPECIAL INSTRUCTION / APPROVED SPECIAL INSTRUCTIONS

SL.NO.	INSTRUCTIONS	ISSUED BY	AUTHORITY	DATE	REMARKS
1	UNDER THE PROVISION OF G.R PARA 3.36(4) WHERE A SAND HUMP OF APPROVED DESIGN OR UNDER APPROVED SPECIAL INSTRUCTION A DERAILING SWITCH, HAS BEEN PROVIDED FOR THE LINE ON WHICH A TRAIN IS TO BE RECEIVED THEY SHALL BE DEEMED TO BE EFFICIENT SUBSTITUTES FOR THE ADEQUATE DISTANCE REFERRED TO IN SUB RULE (3). PROVISION OF DERAILING SWITCH POINT NO: P.72 (KEY LOCK POINT) AT ON ADEQUATE DISTANCE (LE 120M) FROM STARTER SIGNAL NO-5 FOR THE RECEPTION OF UP TRAIN ON UP LOOP LINE NO-1 WHEN POINT NO-5T NORMAL AND POINT NO-72 NORMAL		CI / CRS		TO BE OBTAINED

NOTE:-

1. ABSOLUTE BLOCK SYSTEM OF WORKING WITH RAJHURA -TOLRA AND RAJHURA -KAJRI STATIONS.
2. DOUBLE LINE LOCK & BLOCK INSTRUMENT MSW/HWH TYPE WITH RAJHURA -TOLRA AND RAJHURA -KAJRI STATION LOCATED AT PANEL ROOM.
3. CONTROL PHONE PROVIDED AT PANEL ROOM.
4. L.V. PROVING AXLE COUNTERS PROVIDED FOR RAJHURA -TOLRA AND RAJHURA -KAJRI SECTION IN BOTH UP LINE AND DN LINE.
5. ANGLE OF CROSSINGS ARE INDICATED.
6. MAGNETO TELEPHONES ARE PROVIDED BETWEEN SM PANEL ROOM, GATE No.11 & BENGAL COAL CO SDG GOOMTY.
7. DIRECT LINE BETWEEN RAJHURA STATION AND BENGAL COAL CO. SDG (LHL), WORK IN BOTH DIRECTION.
8. PROVISION OF ELECTRIC LIFTING BARRIER AT ALREADY INTERLOCKED L-XING NO-11/C/T
9. ROAD SIDE SIGNAL SHALL BE DISPLAY DANGER BEFORE MOVING OF SLIDING BOOM BARRIER TO CLOSE THE L.C GATE.

PANEL DETAILS

MAIN SIGNAL	1, 2, 3, 4, 5, 6, 7, 8, 11, 12.
CALLING-ON SIGNAL	C-1, C-12
POINTS	51, 52, 53, 55, 57, 58, 59, 60.
CRANK HANDLE CONTRL BUTTONS	CH-1, CH-2, CH-3, CH-4, CH-5, CH-6, CH-7.
SIDING CONTROL POINTS	P - 71, P-72
LC GATE CONTROLL BUTTON	G-31

ALT.	DESCRIPTION	REFERENCE	CHECKED	APPROVED BY	DATE OF COMM.	CRS'S SANC. NO. & DATE
I	PROVISION OF INTER LOCKED SLIDING BOOM IN ADDITION TO EXISTING LIFTING BARRIER AT LC GATE NO 11/C AT KM-302/14-15	VIDE SR-DSTE/DHN L.NO.-SG-662/1/PT-VII/3 DT-11/02/26	SSTE/DHN			
II	CLOSING OF LC GATE NO-6/C/E AT KM-297/17-19 (KFT-RHR) 3, 7/4/E AT KM 297/25-27 (KFT-RHR) IN C/C SECTION IN VIEW OF CONSTRUCTION OF LHS.	I) FILE NO-ECR/DHN/ENGG/ESP(13)/2021-(O) SR DEN(G)/DHN/ECR/COMPUTER NO-12698, NOTE NO 3 SR DSTE/DHN DT-20-06-2021 II) DQP/MAINTNO-3981/A DT-04.06.20 III) TO SUIT CRS'S DRG.NO-48/2006 (ALT-III)		CTPM/ECR	(RISHI GUPTA) CSTE/PLG/ECR	
III	I) DISMANTLING OF SAND HUMP LINE NO-1 OF CR DRG NO-Y-48/2006 ALT-6. II) PROVISION OF DERAIL CH-693.63 (P-72)	I) CE'S DRWG NO-Y-48-2006 ALT-6. II) TENTATIVE PLAN (SIP) SIGNED BY DY.				
IV	PROVISION OF TEMP ENGG SIDING OF CAL 1500M					
V	PROVISION OF ELECTRIC LIFTING BARRIER AT ALREADY INTERLOCKED LC GATE NO-11/C/T AT KM-303-045	ND BRD STE/DHN LT NO:-SG-662/1/PT-VIII DT-17-02-2022	ASTE/DRD		(ASHISH CHAUDHARY) CSTE/PLG/ECR	

E. C. RAILWAY
पू.म. रेल
DHANBAD DIVISION

PREPARED BY- IT SYSTEMS, PATNA-14

APPROVED BY (D.K. VERMA) DY.COM/PLG/ECR/HJP
COM/ECR/HJP

APPROVED (S.K. BISWAS) CSTE/PROJ/ECR/HJP
CHIEF SIGNAL & TELECOM ENGINEER/E.C.R./HJP

C	H	E	C	K	E	D	DRAWN
DY. CSTE/W/DESIGN/HJP	S.S.T.E./HQ/HJP		A.S.T.E./HQ/HJP	S.E./SIG/HQ/HJP	S.S.E./SIG/DRG/HJP		JE-II/DRG

C.R.S. SANCTION NO.:(4)/A135/IV/07/08/14 DATE:- 05-07-07 DATE OF COMM: 20-07-07

SCALE LONGITUDINAL:- 1cm = 10m. TRANSVERSE :- 1cm = 5m.

CENTRAL-PANEL
SIGNAL INTERLOKING PLAN
(MACL. CLASS-B. STD-III)

TO SUIT C.E.'S DRG. NO. Y - 48 - 2006 (ALT-II)

राजहरा
RAJHURA

SIP No. ECR/SIP/DHN/232/2007