

## Job Role: Banksman MIN/Q0414

Sr. No.	PC Code	NOS Code	Question	Option A	Option B	Option C	Option D	Ans. (A/B/C/D)	Difficulty Level, Easy /Med./ High.
1	PC1	N 0441	Before taking the charge	Please check the shift logbook	Check for any problems during the earlier shift	Discuss with the superiors if some action is required	All of these	D	Easy
2			While taking the charge please make a note of	How many tubs have been lowered	How many tubs have to be raised	How many persons in the shift are still to be raised to Top of the previous shift	None of these	C	Med
3	PC2		Check these things before taking the charge of the Pit top / Pit Bottom/ at any inset.	Fence & Gates are in proper order	Lubricating oil in oil bath	Diesel	Both B & C	A	Easy
4			Check these things before taking the charge of the Pit top / Pit Bottom/ at any inset.	check the level of Gear oil	check the level of Engine oil	Check the Cage Keps and ensure for its operation.	All of these	C	Easy
5			Check these things before taking the charge of the Pit top / Pit Bottom/ at any inset.	Cage gates for its condition and proper operation	lubrication of the Gear Boxes	brake cylinders for Brake mechanism	All of these	A	Easy
6			Check these things before taking the charge of the Pit top / Pit Bottom/ at any inset.	Winding Engine	Brakes	All Appliances	Tub catches in Cages are properly fitted.	D	Easy
7			Before taking the charge	Check for proper display of signalling Boards	Check for the functioning of the Telephone if provided at every banking level	Both A & B	None of these	C	Easy

8	PC3		Before starting the operations please carry out	General cleanliness of the area	No oil, Grease or other material is lying on the pit top.	Both A & B	None of these	C	Easy
9			Before operating the Cages for Men / Material windings please check that	Cages are washed and clean. This facilitates the inspection of cages also.	No need of cleaning the cages every shift	Cages cleaning may be done if time permits.	None of these	A	Easy
10			Before operating the Cages for Men / Material windings please check that	Rope and Rope caple arrangement is in order	Cage hanging Dog catches in secured places	Bell plate is in its proper place	All of these	D	Easy
11	PC4		For stopping the winder at a place the Banksman shall give the signal	One Rap	Two Raps	Three Raps	Four Raps	A	Easy
12			For lowering the Cage at a particular place the Banksman shall give the signal	One Rap	Two Raps	Three Raps	Four Raps	B	Easy
13			For hoisting the Cage at a particular place the Banksman shall give the signal	One Rap	Two Raps	Three Raps	Four Raps	C	Easy
14			For carrying out manwinding in a Cage the Banksman shall give the first signal	One Rap	Two Raps	Three Raps	Four Raps to allow the persons in the cage	D	Easy
15			For carrying out manwinding in a Cage the Banksman shall give the second signal	One long Rap	Two Raps	Three Raps	Four Raps as a conformatory for men have already entered the cage	D	med

16			In an Emergency situation, Banks man shall give the signal	One long Rap	Two Raps	Three Raps	Four Raps	A	Easy
17			If Banksman gives the signal for Emergency	Winding Engine operator shall stop at nearest landing position	Winding Engine operator shall stop the winder immediately	Winding Engine operator shall bring the cage at the surface and stop the winder.	None of these	B	med
18			If the Winding engine operator is not clear of the signal then	He will start the engine slowly	He will start the lowering and stop for a while	He will stare the hoisting and stop for a while	He will not start the engine and wait for further signal from the Banks man	D	med
19	PC5		Before commencing the regular operation, The Banksman should ensure for	safety operation of the Winder	Brakes of the winder	proper functioning of the Signalling Bells.	All of these	C	Easy
20			If the Signalling Bells are not functioning properly	Inform mine manager	Inform the Competant person kept for the purpose and repair the same	Inform Engineer	Inform winding engine Driver	B	Easy
21	PC6		Besides men/ Tub winding, if any other material is to be lowered / Hoisted then	may be hoisted / lowered	Not to be hoisted / lowered	Please ensure that these are authorised by manager for Lowering /Hoisting	None of these	C	Med

22			if any authorised lengthy material is to be lowered / Hoisted then	Please ensure that the same is tied properly with the rope/capple at the top	No special precaution is necessary.	Banksman can refuge to lower/hoist	All of these	A	Med
23			Along with the material winding, persons are normally	allowed to ride the cage	Not Allowed to ride the cage	Both A & B	None of these	B	Easy
24			Along with the material winding, persons are	allowed to ride the cage with the special permission of the manager	Not Allowed to ride the cage	Both A & B	None of these	A	Easy
25			If Bulky / Heavy material has to be lowered / Hoisted regularly, then	This can be done with Normal signals.	Such materials are not allowed to lower/Hoist	Special signal for lowering/ hoisting at slower speed be incorporated.	None of these	C	Med
26			When loading material in the cage at Landing position	The Keps for the Cage may be open	Keps for the Cage shall be closed and cage be rested on those Keps.	Any of the A & B	None of these	B	Easy
27			If Bulky / Heavy material has to be lowered / Hoisted , then	This can be done by making bunch of such materials and properly tied inside /above the cage.	Such materials are allowed to lower/Hoist with due care / safety.	Besides signal, an infoermation may be given on phone provided for the purpose.	All of these	D	Med
28	PC7		For any problem with the winder operation	The winder should be checked for the same at the end of the shift	Inform the supervisor and operate till he comes	Stop the winder and get it attended immediately	None of these	C	Easy

29			After attending any breakdown on the winder, the work may be resume	after the breakdown is attended	after at least one trip with no load in the cages	After getting the orders from the superiors	Any of these	B	med
30			If Banksman has noticed any defect in the Cage, signalling or other appliances under his charge.	He will report to Manager	He will report to Mine Foreman	He will report to Competant person kept for the purpose	Any of these	C	med
31			Major works on the winder are carried out	Under the trained supervisors	As per the procedures mentioned in the Maintenance Manual	Both A & B	None of these	C	Easy
32			After carrying out the Rope Recapping , the winder should be made to operate for	At least one trip with no load in the cages	At least one trip with load in the cages	Five trip with full load in the cages	None of these	C	Easy
33			Maintenance Activities are carried out while the cages are	In any position	In top landing position	On any landing platform and rested on Keps	None of these	C	med
34			While replacing the Rps of the winder, the cages shall be	Kept at any landing platform	Kept on top with Keps on and with additional heavy support at the Bottom of the cages	Kept at Bottom with Keps on and with additional heavy support at the Bottom of the cages	None of these	B	Difficult
35	PC8		Normally Every cage has	Three Gates	Two Gates	one Gate	None of these	A	Easy
36			Normally Every cage has	Two Gates for entry & Exit	One gate at the top for emergency exit	Both A & B	None of these	C	Med
37			Emergency exit gate of the cage provided at the top is also opened at every landing	No	may be opened	Banksman may kept open throughout the cage travel	None of these	A	Med

38			Both the entry exit gates, provided on opposite side are	Kept opened while persons are travelling	Banksman closes these gates and then give signal for raising/lowering	One gate may be closed and other may be kept open for ventilation	All of these	B	Easy
39			Cage has normally two entry exit gates on opposite sides, this is because	For easy entry of people from both the sides	For easy exit of people from both the sides	Entry of the insets in the shaft may be on either side	All of these	C	High
40	PC9		What is the safety mechanism is provided on the cage to hold the tubs in position.	Tub catches	Tub Jointing pins	Tub tipping lock	All of these	A	Easy
41			How many tub catches are provided on the cage	one	Four	Three	None of these	B	Easy
42			If Banksman notices any faults like damage of fastners holding the tub catches in position	He may allow the tub hoisting/lowering with remaining tub catches	Inform the superior	Stop the cage and arrange for the repairs to tub catches	Both B & C	D	Med
43	PC10		Gates and fences are provided on each landing of the Cages	To ensure the safety of men while entering / exit from the cage	To arrest the fall of material inside the shaft	Both A & B	None of these	C	Easy
44			Interlocking of the cage gates and inset landing fencing gate is	Fencing gate opens only when cage is rested in that inset	Fencing gate opens only when cage is at the other inset	No connection with the cage gate and fencing gate	None of these	A	Med
45			If the Insets fencing gates have any problem then	He may allow the tub hoisting/lowering till end of the shift	Inform the superior	Stop the cage and arrange for the repairs to fencing gates.	Both B & C	D	Med

46	PC11		Every inset platform should be kept clean	This will facilitates the persons, riding the cage easily and safely.	This will facilitates the persons, coming out cage easily and safely.	Both A & B	None of these	C	Easy
47			No loose material/ Tubs be stationed near the fencing gates	Loose material may fall in to the shaft	Tubs may abstract the persons	Fencing gate may not open properly	All of these	D	Easy
48	PC12		Whenever big rails/Pipes are hoisted / lowered through cages	Top emergency gate is opened	Top emergency gate is closed	Entry /Exit gates are opened	Entry /Exit gates are closed	A	Med
49			Whenever big rails/Pipes are hoisted / lowered through cages	This is also normal Hoisting / Lowering	Due care is taken with making a bunch and tying at the top with rope etc.	These are not allowed in the cage	None of these	B	Easy
50			Whenever big rails/Pipes are hoisted / lowered through cages	This is also normal Hoisting / Lowering	These are done with special permission from Manager	These are carried out at a very slow speed	Both B & C	D	Easy
51	PC13		Keps are meant for	Resting the Cages and to maintain the level of the inset with that of cages	To facilitate the loading & unloading of Tubs at the inset	Both A & B	arresting the cages while travelling	C	Med
52			How many Keps resting blocks are provided for a cage	one	Two	Three	Four	D	Easy
53			For a multilevel winding, the keps at the inset are	in "ON" position	in "Off" position	May be in any position	None of these	B	med
54			For a multilevel winding, if the keps at any of the intermittent inset are kept on then	Cage will hit the Keps	Cage will not hit the keps	Cage may damage badly and accident may occur	Both A & C	D	med

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56			For Double Drum multilevel winder, Before operating the winder please ensure for	Clutch brake interlock for clutching De-clutching	Clutch is not required	Clutch brake is not required	None of these	A Med
57	PC1	N 0442	Banksman should be always alert while on duty because	He is on duty	He has to listen to the signals from another banksman	He knows what to do	None of these	B Easy
58			If Banksman has not clearly heard the signal	He will assume which operation to be done	He will ask for slight raise or lower the cage	He will telephone and ask for giving fresh signal	None of these	C med
59	PC2		Banksman will ensure for	correct functioning of the signalling system	telephone meant for every banksman are operating	Signalling Boards are properly readable	All of these	D Easy
60			If the signalling system at any of the inset is not working then	He will inform the superiors at the end of the shift	He will continue to work till repair person arrive	He will inform the supervisor immediately, stop the cages till the repair is complete	None of these	C Easy
61	PC3		In normal circumstances,	Banksman is allowed to go earlier if the work is completed.	Banksman is allowed to go after the shift	Banksman is allowed to go only after his successor has arrived and taken the charge.	None of these	C Easy

62			Through the shift, Banksman	has to be in his place of work only	may tell somebody to do his work	may give the long signal bell and stop the winder if he wishes	None of these	A	Easy
63	PC4		material carrying capacity of particular cage is	on approximate basis	is properly calculated and is fixed	Slightly higher loading than calculated load is allowed.	All of these	B	med
64			Banksman has to take the precaution that	he allows the persons to ride the cage as per the allowable limit	Sometimes he may allow more persons to finish the manwinding early	He may allow to ride more persons at the end of the shift	None of these	A	Easy
65	PC5		In peak hours Banksman may allow some persons	to ride on top of the cage	No, he will refused to do so	He has the authority to allow	None of these	B	med
66			In which circumstances Banksman will allow to ride persons on top of the cage	He will allow only maintenance people for inspection/repairs of the installation	He will ensure that proper guarding is fitted on the top of the cage	Both A & B	None of these	C	med
67	PC6		Entry /Exit Cage gates are provided for safety of	Men being raised / lowered	Tubs being raised / lowered	Heavy pipes / Rails being Raised/ lowered	None of these	A	Easy
68			Fencing Gates at each inset is provided for safety of	Men being assembled at the inset to ride the cage	Tubs being brought from stopes to insets for raising	Both A & B	None of these	C	Easy

69			Normally insets fencing gates are opened when	Cage has arrived at the inset for going up and signal to that effect has been given.	Cage has arrived at the inset for going down and signal to that effect has been given.	Cage has brought at the inset to load / unload heavy materials	All of these	D	Easy
70	PC7		If Banks man notice any abnormal sound during cage travel in shaft then	Then he will stop the cage at the nearest inset	He will ask persons to vacate the cage	Inform superiors and arrange for inspection & repairs.	All of these	D	Easy
71			Normally the abnormal sound during cage travelin the shaft is due to	Fast lowering / raising of the cage	Slow lowering / raising of the cage	Any defect either in Cage Guide fitment or Guide Rails jointing.	None of these	C	Med
72	PC8		while allowing the persons, Banksman will ensure that	Only authorised persons are travelling in the cages	Persons who have wear/put on all required safety appliances	Both A & B	None of these	C	Easy
73			Normal criteria for judging the authorised persons to allow in the cages is	Persons having Caplamps	Persons wearing safety shoes	Persons who have put on Safety helmets	None of these	A	easy
74			If Banksman notices any major problem in the shaft, he would allow only	Persons having urgent work in Underground	Persons dealing with maintenance /Repairs of the shaft.	Both A & B	None of these	B	Med

75			Whenever any major shaft maintenance / Repair works are going on , the Banks man	may leave his place	May take rest till the repair works are going on	He has to be there in his place and assist the maintenance crew whenever the cage has to be move up/down.	None of these	C	Med
76	PC9		Log Book of the Banksman shall make a note of	Number of persons went Underground since start of shift	Number of tubs raised to surface	Number of hrs the cage is available for operation and actual operation hrs	All of these	D	Easy
77			Log Book of the Banksman shall also make a note of maintenance activities, like	number of hours it is in Maintenance	Any discrepancies in the signaling system, keps, and cage catcher etc..	Both A & B	None of these	C	Easy
78	PC1	N 0901	Banksman should wear Handgloves while dealing with maintenance of Keps/fencing gates etc.	To keep his hands clean	To avoid hands from spoiling due to grease / oil.	To safeguard hands while handling heavy parts	None of these	C	Easy
79			Banksman should wear	Safety shoes	Safety Helmet	Hand Gloves	All of these	D	Easy
80	PC2		Lighter shaft / cage repair material is handeled by	chain Pulley Block	Manually	In a rubber wheel trolley	Both B & C	D	Easy
81			Heavier shaft / cage repair material is handeled by	chain Pulley Block	Manually	Other mechanical means	Both A & C	D	Easy
82	PC3		Who is to be informed first for any accident	Foreman	Engineer	Manager	All of these	A	Easy

83			In case of minor accident	Inform Foreman	provide first aid	Both A & B	None of these	C	Easy
84			In case of major accident	Inform Foreman	provide First aid	Call for Ambulance	All of these	D	Easy
85			Who is to be informed for cage/shaft equipments major breakdown	Mechanical Foreman	Mine Foreman	Mechanical fitter	All of these	D	Easy
86	PC4		In case of small fires	Leave the work place	use the fire Extinguisher and start extinguishing the fire	Inform to Engineer	Inform to Manager	B	Easy
88			In case of Big fires	Keep away personnel from the work place	use the fire Extinguisher and start extinguishing the fire	Call for fire tender kept for the purpose	All of these	D	med
89			Banksman should be trained in Fire extinguisher operation	yes	not required	Not to attain fire hazards	None of these	A	Easy
90	PC5		Which type of Fire Extinguisher is used in Electrical fires	CO2 type	Foam type	Dry chemical powder	Both A & C	D	med
91			Which type of Fire Extinguisher is used in general fires like wood , paper	CO2 type	Foam type	Dry chemical powder	Both B & C	D	med
92			Which type of Fire Extinguisher is used in Flammable oils / Liquids	CO2 type	Foam type	Dry chemical powder	All of these	D	med
93			Fire extinguishers are inspected by competent person	Once in three months	Every week	Every month	Every shift	A	Difficult
94	PC6		Banksman should allow to enter his work area	Foreman	Electrician	Mechanical fitter	All of these	D	Easy
95			Banksman should allow the Personnel Who had put on	Safety shoes	Safety helmet	Handgloves	All of these	D	Easy
96	PC7		Shaft equipment material/ Cage spares/material may be stored with Grease & oil	Keep seperately	Yes	may be kept as per the situation	None of these	A	Easy

97			Hazardous Material should be handled with	Due care	handle as normal material	Both A & B	None of these	A	Med
98	PC8		Who handles the misfire	Blaster	Engineer	Drill rig operator	Mine manager	A	Easy
99			Misfire takes place	Due to Drilling	Due to face conditions	Due to loose rock	None of these	D	Med
100			Misfire is mainly due to	Drilling problem	Mucking problem	Mistakes in Explosive loading	None of these	C	Easy
101			Misfire is noticed	Immediately after blasting	some time after Blasting	Only after fume clearance & inspection	None of these	C	Med
102	PC9		Fumes in face accumulates after Blasting	Always	Some times	Never	None of these	A	Easy
103			Fumes will clear in face due to	Improper Ventilation	Proper ventilation	No ventilation	None of these	B	Easy
104			What improves the fume clearance in face	water jet	Air jet	Auxiliary ventilation fan	None of these	C	Med
105			Workmen are allowed to enter the face	Immediately after blasting	Only after fume clearance	After dealing misfire if any	Both B & C	D	med
106	PC10		Banksman should wear Safety Goggle	For Dust protection	For sound proction	For eye protection during maintenance	None of these	C	Easy
107			Banksman should wear Nose mask	For Dust protection while working in Dusty atmosphere	For sound proction	For eye protection	None of these	A	Easy
108			Banksman should wear Ear Plugs	For Dust protection	For sound proction when necessary	For eye protection	None of these	B	Easy
109			Banksman should wear Safety Helmet	For Head protection	For sound proction	For eye protection	None of these	A	Easy

110	PC11		Maintain the logsheet for entire shift working	As per Directorate of Mines safety Regulation	on a plain Register	inform verbally to next Banksman	Log sheet not maintained	A	Med
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