

DIRECTORATE GENERAL BORDER SECURITY FORCE:NEW DELHI

(PERS DTE :RECTT SECTION)

Sub: **UPLOADING OF WRITTEN EXAMINATION RESULT FOR GROUP-'B' POSTS
IN BSF ENGINEERING SET UP 2020-21**

Written Examination Result for Group-'B' posts in BSF Engineering Setup 2020-21 is attached herewith for uploading on BSF website, please.

Encl : **As above**



(Handwritten signature)
(K S Rana)
Comdt (Rectt)
28 Oct 2022

ICT DTE (IT Wing), FHQ BSF

No.A.4/Pers(Rectt)/GP-B/Engg/BSF/2020-21/ 8104

Dated, the 28 Oct' 2022.

Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Personnel Directorate: Recruitment Section)

/// NOTICE ///

Sub:- DECLARATION OF WRITTEN EXAMINATION RESULT FOR DIRECT RECRUITMENT TO THE GROUP-'B' POSTS IN BSF ENGINEERING SET UP 2020-21

The Written Examination for direct recruitment to the Group-'B' posts in BSF Engineering Setup 2020-21 was conducted on 07.08.2022 at 07 Recruitment Agency i.e. Ftr HQr BSF Rajasthan, Punjab, Guwahati, North Bengal, Ftr HQ Spl (Ops) at Bangalore, TC&S BSF Hazaribagh, 95 Bn BSF Bhondsi under the responsibility of IG (HQ) FHQ.


2. Details of candidates qualified in Written Exam and **Provisionally** shortlisted for 2nd Phase of recruitment i.e. Documentation, Physical Standard Test (PST), Physical Efficiency Test (PET) & Detailed Medical Examination (DME)/Review Medical Examination (RME) for the post of Inspector (Architect) and 2nd Phase Exam of recruitment i.e. Documentation, Physical Standard Test (PST), Physical Efficiency Test (PET) for the post of SI (Works) & JE/SI (Electrical) is enclosed as **Annexure-'A'**. Schedule for 2nd Phase of Exam will be intimated through SMS/E-Mail to download online call letter/Admit card. As per online detailed advertisement dated 25.04.2022, qualifying marks of Written Examination for the post of Inspector (Architect), SI (Works) & JE/SI (Electrical) candidates belongs to Unreserved (UR), Other Backward Class (OBC) and Economically Weaker Section (EWS) candidates is 50% and candidates belongs to Scheduled Castes (SC) & Scheduled Tribe (ST) is 45%. Post & Category wise cut-off mark is as under:-

Name of Post	Category wise details of Cut-Off Marks				
	UR	EWS	OBC	SC	ST
Inspector (Architect)	59	57	NV	NV	NV
Name of Post	Category wise details of Cut-Off Marks of Paper-I & II				
	UR	EWS	OBC	SC	ST
Sub Inspector (Works)	126	116	119	116	114
Junior Engineer/Sub Inspector (Electrical)	134	124	132	122	102

Note:-'NV' denotes 'No Vacancy' in respective category.

3. The result is being published provisionally. In case any discrepancy is noticed/ detected at the time of documentation during 2nd Phase of Examination or at any later stage, candidature of such candidates will be cancelled immediately.

Conti....2/-



4. Although due care has been taken while preparing Written Examination Result, however, BSF reserves the right to rectify errors or omission in the result , if any.

5. If any candidate qualified in Written Examination and **Provisionally** shortlisted for 2nd Phase of Examination, does not receive SMS/E-Mail intimation for downloading online call letter/Admit card, such candidate must brought downloaded copy of notice regarding Written Examination Result (to be uploaded on BSF website (<https://rectt.bsf.gov.in>) along with Photo ID i.e. Aadhar Card, PAN Card, Voter Card or Photo Identity Card of any Govt. Organization/educational institutions, etc. for appearing in 2nd phase of Examination. Therefore, all candidates are informed to visit BSF website frequently.

6. All qualified candidates are therefore informed to bring original documents i.e. Educational Qualification, Technical Qualification, Experience Certificate and Caste Certificate (for SC, ST and OBC including non-creamy layer status for OBC candidates only in prescribed format given in advertisement), EWS Certificate for EWS candidates, discharge certificate for Ex-Serviceman (ESM) candidate only, NOC from present employer (if applicable), 03 Nos of recent passport size photographs for production before selection board at the time of documentation during 2nd Phase of Examination. They will also bring one self-attested photocopy of each ibid documents/ certificates.

7. Post wise answer keys of Written Examination of above posts are attached herewith as per **Annexure-'B' to 'D'** for information of all candidates.

Encl : **Result & Answer Keys (13 leaves)**


(K S Rana)
Comdt (Rectt)
..28Oct 2022

Government of India
Ministry of Home Affairs
Directorate General Border Security Force
(Personnel Directorate: Recruitment Section)

**ROLL NUMBER OF CANDIDATES QUALIFIED IN WRITTEN EXAMINATION
FOR GROUP-'B' POSTS I.E. INSPECTOR (ARCHITECT), SI (WORKS) AND
JE/SI (ELECTRICAL) IN BSF ENGINEERING SET UP 2020-21**

(A) Inspector (Architect)

10838	10036	10564	11091	10271	10006	10385	10155
11165	10190	10502	10331	10258	10254	10115	10977
10124	10939	10435	10666	11001	10272	10570	XXXX

(B) SI (Works)

242158	232168	246043	220228	230584	231591	246267
244807	210065	261375	220515	244354	248195	247407
220282	210743	271336	262152	261254	243965	240741
2412151	231543	240337	244350	220112	262025	271185
2413075	241663	250718	210037	232162	240382	248705
250715	241212	230512	261641	231039	249890	240266
220239	242662	244543	249927	260579	240088	230867
220507	244351	244542	242103	240083	220645	241576
251475	220122	250577	2412782	248042	249323	260787
231541	211050	249634	244544	260184	248791	210893
220192	270004	240124	245520	260722	245847	241406
250269	271037	251362	251402	246703	231576	2414034
210808	230869	230960	2410168	246558	232180	243693
220385	242928	261285	247297	244639	244522	244380
220225	261030	230385	2412501	2412027	230825	248051
250608	250595	2410007	231672	247135	220382	2413348
244773	2412013	244241	247258	270883	246380	270984
241388	270602	246393	270578	230555	248268	246286
251227	230919	232053	250700	220667	244534	244489
251694	240090	251426	247397	250882	242016	246402
261545	241508	2412050	248134	230981	251283	246605
240094	243179	241672	248470	247809	262242	270187
231333	250597	271184	248725	248825	220400	251049
220502	246561	249613	220607	247294	220232	244232
220286	250477	270986	230816	2413007	249833	247763
240104	246801	231376	248055	244515	243831	243213
247648	271024	231545	230056	231469	248472	247365
220091	243226	251244	248736	251481	261105	260943
210101	240581	210629	248014	210852	261536	231808

230939	244495	262272	261210	247370	241259	231997
2412489	2412487	248766	245072	247674	230824	242324
245080	240799	231569	247728	260965	231601	261840
251548	220571	2413397	232007	262255	246032	261664
249490	270145	241432	231900	240359	2413460	249347
271238	245205	243655	249106	251304	230410	2413271
230285	2411211	230983	248086	220328	246067	220313
248858	261835	230207	248323	2410828	261090	244439
261633	246346	241267	2411413	270981	2413606	249501
246404	271025	242967	247382	240138	248383	249940
270139	247663	261474	244346	230974	251531	220512
271364	261789	260603	240698	243906	251080	231428
240029	220365	260804	244890	242522	231099	249135
2412053	210676	2411371	241400	242271	243905	210092
271275	261910	231815	250698	251577	231033	231755
246038	270156	246643	250701	251180	250089	270246
241920	210221	2411186	271355	247329	249512	241425
243514	247640	249401	261729	247266	220223	231534
243904	2413420	231092	241437	2411208	244663	260207
270001	247078	231544	244604	230961	248374	231865
230989	231535	230794	2413444	243241	246138	232064
243594	230992	246051	2411423	261838	245168	243585
2410623	230482	245845	240892	251300	251309	262132
270244	240360	242385	247464	230883	230142	250321
250593	240040	246999	220587	231429	249221	231521
244245	242174	243505	261343	246308	262390	231015
242211	247181	230219	220475	261411	2412186	240988
232137	230903	244368	244078	244481	245730	2410809
242961	242181	249084	2410137	231800	245432	231756
247337	242455	249713	245571	230908	231788	247249
230514	248951	241293	249655	232229	249310	2410054
230562	2410978	2410990	220513	210647	230121	260824
242068	248623	247714	230595	261458	230381	242866
230592	261839	2410911	262148	243197	232275	241706
243577	270873	220549	230427	2412139	248774	248367
271007	247083	246272	244845	230840	247371	220151
245442	246630	270964	248627	231142	2411153	232149
261541	245950	248199	2411927	261031	230032	260380
220116	2410632	243069	243687	260544	231377	261887
249732	231192	261080	244743	261490	243828	261399
251765	260302	244877	251410	261067	249213	262370
230088	230429	243686	231172	2410350	230161	2410545
261485	2410840	249053	231568	246395	210361	2410696
245268	249251	246388	248084	260517	249461	249458
260985	2411304	243668	250982	231225	231510	230510
250280	2413745	244675	231004	230594	244352	230801
271086	241759	2411698	243162	230431	249639	251503
271084	246106	248673	246089	244540	248737	261325
240872	262354	230955	247274	249298	247691	231361
241351	246719	210315	230425	230859	230615	243031



2410666	230927	240587	241160	260331	242096	242425
242292	261679	261064	240075	245258	244831	230806
230149	249197	245031	242689	246056	240118	2410647
231370	241536	243909	240873	240758	248192	2411116
249883	261270	245381	249075	270113	270571	2411803
248591	240345	247719	243192	270835	230234	250288
242389	220611	246063	241330	231257	240820	261549
242884	247509	251496	242185	262117	230419	260831
248588	251076	261407	250314	2410210	243203	244527
231290	244390	270177	242748	249311	260914	251305
2410177	2410962	248159	242337	271074	248752	246238
249208	230990	244728	232357	230316	230067	261841
230039	249048	240066	251041	220468	232374	260793
248986	249506	243976	242365	270543	261816	270329
241495	2412727	243716	270007	230147	261931	260199
232073	247176	244842	248611	244411	2411970	260513
242695	243780	247174	248200	242348	270010	261245
246778	232120	2413683	240249	261653	261228	270083
231522	231905	230018	245788	240272	261021	251210
261058	249071	230074	243231	247265	271107	231292
248755	246660	248665	230338	270081	260520	260080
260462	231622	220298	248048	240580	262207	2411166
249179	241341	248170	249304	242959	232072	262192
2413057	261955	261258	270045	210766	260762	2412498
261629	244975	230897	248071	241844	260217	262359
246341	245303	247167	241346	2410338	2413013	248669
249151	270146	260766	251100	230076	2413022	242390
260247	243167	242153	261820	246140	230335	250363

(C) **JE/SI (Electrical)**

151545	140453	143837	130057	130864	151643	160869
148916	130990	140479	130205	131578	141315	145337
131513	147411	146393	131657	148734	130994	161168
148974	142575	130677	130935	131547	141121	170066
145430	130045	151634	150863	147235	146997	110539
145626	144027	144963	147842	145113	145865	141862
170412	130938	145312	151486	144354	144096	132120
143311	148129	170333	146515	148120	130996	131012
140458	146438	146605	120458	131196	160244	142393
131048	148533	141572	131665	151233	150396	142048
144056	142600	141513	140012	143794	130998	131580
130068	130231	140732	144141	144071	131438	151638
131083	143483	170771	130992	130579	131824	141468
140964	131026	130829	132183	151792	132018	140988
131010	145462	131004	145600	131374	140112	131200
140250	143213	131570	141420	130913	144025	130135

144432	141453	143267	141053	131123	120372	161042
170699	149193	143707	148411	146865	110056	170669
141718	130674	144189	140778	142368	144528	170154
140166	130836	148219	120400	130142	140956	131767
148357	160745	146234	147321	148601	170703	160735
130278	130236	144729	144295	142159	147358	160739
120404	141143	142970	145882	131488	130457	145367
130602	144461	145266	144383	131322	130511	161101
142394	141823	146539	144616	130405	143867	160123
144493	120248	148481	131685	141611	142672	131982
131525	131038	148104	130228	145506	142058	130007
148532	131516	131480	148551	143546	140263	160115
142371	150688	140341	142067	146467	140847	130749
145891	151245	141427	131328	131512	141952	160815
130987	143936	120097	131856	132034	141459	151575
130719	161598	148312	146992	131335	140763	143360
130767	143540	140139	130961	130022	170503	161453
131445	131891	144890	147995	131806	131101	160246
149384	130245	147724	146330	148925	144012	170109
145530	131671	170228	131553	170069	170737	170038
143126	148680	145649	146224	130745	145684	160846
146969	148805	142877	131147	161713	146981	160970
131135	149315	147060	146432	145627	140491	140442
146078	142588	161381	130715	170631	161863	130656
148973	130145	131351	131495	161690	145441	160773
150781	130156	145414	149175	170241	145484	170369
140208	131819	143005	132163	130611	151510	160288
120111	130730	145177	130608	161699	130269	110269
151726	147460	143383	148459	160952	144014	161166
144093	170754	170641	140931	120141	140086	146474
148304	151670	147670	131929	147854	142054	151662
148173	130583	140424	131927	146509	147565	XXXX
141466	170445	161495	140718	160759	145629	XXXX
146545	144853	143055	144175	140447	171063	
130892	145826	170305	160335	170833	144856	

- Note:** i) These candidates are provisionally shortlisted for 2nd phase of exam.
ii) Post & Category wise cut-off mark has shown at Para No.2 of the notice.


(K S Rana)
Comdt (Rectt)
28 Oct 2022

ANSWERKEY OF INSPECTOR (ARCHITECT)

Set - A		Set - B		Set - C		Set - D	
Serial No.	Correct Option	Serial No.	Correct Option	Serial No.	Correct Option	Serial No.	Correct Option
1	A	1	B	1	B	1	A
2	D	2	D	2	D	2	B
3	C	3	B	3	A	3	D
4	C	4	D	4	A	4	A
5	B	5	A	5	D	5	A
6	B	6	A	6	C	6	D
7	D	7	D	7	C	7	C
8	B	8	C	8	B	8	C
9	D	9	C	9	B	9	B
10	A	10	B	10	D	10	B
11	A	11	C	11	C	11	D
12	B	12	B	12	B	12	C
13	D	13	D	13	C	13	B
14	C	14	C	14	C	14	C
15	B	15	B	15	A	15	C
16	D	16	C	16	B	16	A
17	C	17	C	17	D	17	B
18	B	18	A	18	C	18	D
19	C	19	B	19	B	19	C
20	C	20	D	20	D	20	B
21	D	21	A	21	D	21	D
22	C	22	C	22	B	22	C
23	A	23	D	23	D	23	A
24	A	24	B	24	B	24	A
25	C	25	D	25	D	25	C
26	D	26	B	26	D	26	D
27	B	27	D	27	C	27	B
28	D	28	D	28	A	28	D
29	B	29	C	29	A	29	B
30	D	30	A	30	C	30	D
31	B	31	A	31	D	31	A
32	C	32	D	32	C	32	D
33	A	33	D	33	A	33	D
34	C	34	C	34	A	34	C
35	A	35	A	35	B	35	A
36	D	36	A	36	C	36	A
37	D	37	B	37	A	37	B
38	C	38	C	38	C	38	C
39	A	39	A	39	A	39	A
40	A	40	C	40	D	40	C
41	D	41	C	41	A	41	A
42	D	42	B	42	D	42	D

INSPECTOR (ARCHITECT)

②

43	A	43	C	43	A	43	D
44	B	44	D	44	D	44	C
45	D	45	D	45	B	45	C
46	C	46	C	46	D	46	D
47	D	47	A	47	D	47	A
48	A	48	C	48	A	48	A
49	D	49	C	49	D	49	A
50	B	50	D	50	A	50	B
51	A	51	B	51	C	51	C
52	D	52	C	52	A	52	B
53	D	53	C	53	C	53	C
54	C	54	A	54	D	54	D
55	C	55	C	55	A	55	D
56	D	56	D	56	C	56	C
57	A	57	D	57	A	57	A
58	A	58	D	58	D	58	C
59	A	59	A	59	A	59	C
60	B	60	C	60	A	60	D
61	C	61	D	61	C	61	D
62	B	62	D	62	B	62	D
63	C	63	A	63	C	63	A
64	D	64	B	64	D	64	B
65	D	65	D	65	D	65	D
66	C	66	C	66	C	66	C
67	A	67	D	67	A	67	D
68	C	68	A	68	C	68	A
69	C	69	D	69	C	69	D
70	D	70	B	70	D	70	B
71	B	71	A	71	B	71	B
72	C	72	D	72	C	72	C
73	C	73	D	73	C	73	C
74	A	74	C	74	A	74	A
75	C	75	C	75	C	75	C
76	D	76	D	76	D	76	D
77	D	77	A	77	D	77	D
78	D	78	A	78	D	78	D
79	A	79	A	79	A	79	A
80	C	80	B	80	C	80	C
81	A	81	A	81	D	81	A
82	D	82	D	82	D	82	D
83	A	83	A	83	A	83	A
84	D	84	D	84	B	84	D
85	B	85	B	85	D	85	B
86	D	86	D	86	C	86	D
87	D	87	D	87	D	87	D
88	A	88	A	88	A	88	A
89	D	89	D	89	D	89	D

INSPECTOR (ARCHITECT)

③

90	A	90	A	90	B	90	A
91	C	91	C	91	A	91	C
92	A	92	A	92	D	92	A
93	C	93	C	93	D	93	C
94	D	94	D	94	C	94	D
95	A	95	A	95	C	95	A
96	C	96	C	96	D	96	C
97	A	97	A	97	A	97	A
98	D	98	D	98	A	98	D
99	A	99	A	99	A	99	A
100	A	100	A	100	B	100	A

ANSWERKEY OF SUB INSPECTOR (WORKS)							
Set - A		Set - B		Set - C		Set - D	
Serial No.	Correct Option	Serial No.	Correct Option	Serial No.	Correct Option	Serial No.	Correct Option
1	B	1	A	1	D	1	D
2	D	2	B	2	A	2	D
3	D	3	C	3	D	3	D
4	C	4	B	4	D	4	C
5	B	5	D	5	C	5	C
6	A	6	D	6	B	6	B
7	B	7	A	7	D	7	A
8	C	8	A	8	D	8	D
9	B	9	B	9	C	9	D
10	D	10	C	10	B	10	C
11	D	11	D	11	A	11	B
12	A	12	D	12	B	12	D
13	A	13	D	13	C	13	D
14	B	14	C	14	B	14	C
15	C	15	C	15	D	15	B
16	D	16	B	16	D	16	A
17	D	17	A	17	A	17	B
18	D	18	D	18	A	18	C
19	C	19	D	19	B	19	B
20	C	20	C	20	C	20	D
21	B	21	B	21	B	21	D
22	A	22	D	22	D	22	A
23	D	23	D	23	D	23	A
24	D	24	C	24	C	24	B
25	C	25	B	25	C	25	C
26	C	26	B	26	B	26	D
27	A	27	B	27	B	27	A
28	B	28	C	28	C	28	D
29	A	29	D	29	D	29	B
30	D	30	A	30	A	30	C
31	C	31	C	31	C	31	B
32	C	32	A	32	A	32	B
33	A	33	B	33	B	33	C
34	B	34	A	34	A	34	D
35	B	35	D	35	D	35	A
36	B	36	C	36	C	36	C
37	B	37	C	37	C	37	A
38	A	38	A	38	A	38	B
39	C	39	B	39	B	39	A
40	D	40	B	40	B	40	D
41	D	41	B	41	B	41	C
42	A	42	B	42	B	42	C

SI(WORK)

②

43	D	43	A	43	A	43	A
44	B	44	C	44	C	44	B
45	C	45	D	45	D	45	B
46	B	46	D	46	D	46	B
47	B	47	A	47	A	47	B
48	C	48	D	48	D	48	A
49	D	49	B	49	B	49	C
50	A	50	C	50	C	50	D
51	B	51	B	51	D	51	B
52	D	52	B	52	A	52	D
53	A	53	C	53	B	53	A
54	C	54	C	54	A	54	C
55	C	55	A	55	D	55	C
56	B	56	D	56	B	56	B
57	A	57	A	57	C	57	A
58	A	58	B	58	A	58	A
59	D	59	A	59	C	59	D
60	C	60	D	60	B	60	C
61	A	61	B	61	D	61	A
62	B	62	C	62	C	62	B
63	B	63	A	63	D	63	B
64	A	64	C	64	B	64	A
65	C	65	B	65	C	65	C
66	C	66	D	66	B	66	C
67	C	67	C	67	C	67	C
68	A	68	D	68	B	68	A
69	C	69	B	69	A	69	C
70	D	70	C	70	D	70	D
71	B	71	B	71	B	71	B
72	B	72	C	72	B	72	B
73	C	73	B	73	A	73	C
74	C	74	A	74	D	74	C
75	A	75	D	75	A	75	A
76	D	76	B	76	B	76	D
77	A	77	B	77	D	77	A
78	B	78	A	78	A	78	B
79	A	79	D	79	C	79	A
80	D	80	A	80	C	80	D
81	B	81	B	81	B	81	B
82	C	82	D	82	A	82	C
83	A	83	A	83	A	83	A
84	C	84	C	84	D	84	C
85	B	85	C	85	C	85	B
86	D	86	B	86	A	86	D
87	C	87	A	87	B	87	C
88	D	88	A	88	B	88	D
89	B	89	D	89	A	89	D

SI(WORKS)

③

90	C	90	C	90	C	90	C
91	B	91	A	91	C	91	B
92	C	92	B	92	C	92	C
93	B	93	B	93	A	93	B
94	A	94	A	94	C	94	A
95	D	95	C	95	D	95	D
96	B	96	C	96	B	96	B
97	B	97	C	97	B	97	B
98	A	98	A	98	C	98	A
99	D	99	C	99	C	99	D
100	A	100	D	100	A	100	A

ANSWERKEY OF JUNIOR ENGINEER/ SUB INSPECTOR (ELECTRICAL)

Set - A		Set - B		Set - C		Set - D	
Serial No.	Correct Option	Serial No.	Correct Option	Serial No.	Correct Option	Serial No.	Correct Option
1	A	1	A	1	A	1	D
2	C	2	C	2	C	2	C
3	C	3	B	3	B	3	B
4	A	4	C	4	C	4	A
5	B	5	C	5	C	5	A
6	D	6	C	6	A	6	A
7	B	7	D	7	C	7	C
8	D	8	A	8	C	8	B
9	C	9	C	9	A	9	C
10	D	10	B	10	B	10	C
11	C	11	D	11	D	11	A
12	D	12	B	12	B	12	C
13	A	13	D	13	D	13	C
14	C	14	C	14	C	14	A
15	B	15	D	15	D	15	B
16	D	16	A	16	C	16	D
17	C	17	C	17	D	17	B
18	B	18	C	18	A	18	D
19	A	19	A	19	C	19	C
20	A	20	B	20	B	20	D
21	A	21	D	21	D	21	C
22	C	22	C	22	C	22	D
23	B	23	B	23	B	23	A
24	C	24	A	24	A	24	C
25	C	25	A	25	A	25	B
26	B	26	B	26	B	26	B
27	B	27	C	27	C	27	B
28	A	28	C	28	C	28	B
29	A	29	C	29	C	29	C
30	C	30	D	30	D	30	A
31	D	31	A	31	B	31	B
32	C	32	B	32	B	32	C
33	B	33	B	33	A	33	C
34	C	34	B	34	A	34	C
35	A	35	A	35	C	35	D
36	A	36	D	36	D	36	B
37	B	37	C	37	C	37	B
38	B	38	B	38	B	38	A
39	B	39	C	39	C	39	A
40	A	40	A	40	A	40	C
41	B	41	B	41	A	41	D
42	B	42	B	42	B	42	C

JEISI (ELECTRICAL)

2

43	B	43	A	43	B	43	B
44	C	44	A	44	B	44	C
45	A	45	C	45	A	45	A
46	B	46	B	46	B	46	A
47	C	47	B	47	B	47	B
48	C	48	B	48	B	48	B
49	C	49	C	49	C	49	B
50	D	50	A	50	A	50	A
51	D	51	A	51	C	51	D
52	A	52	A	52	D	52	A
53	B	53	B	53	B	53	B
54	D	54	C	54	D	54	D
55	C	55	A	55	C	55	C
56	B	56	C	56	B	56	B
57	C	57	C	57	C	57	C
58	C	58	A	58	C	58	C
59	D	59	C	59	A	59	D
60	B	60	C	60	B	60	B
61	B	61	D	61	C	61	B
62	A	62	A	62	C	62	A
63	D	63	B	63	D	63	D
64	D	64	B	64	B	64	D
65	D	65	C	65	C	65	D
66	C	66	C	66	A	66	C
67	D	67	D	67	A	67	D
68	A	68	B	68	B	68	A
69	C	69	D	69	C	69	C
70	C	70	C	70	A	70	C
71	D	71	B	71	C	71	D
72	A	72	A	72	C	72	A
73	B	73	D	73	A	73	B
74	B	74	D	74	C	74	B
75	C	75	D	75	C	75	C
76	C	76	C	76	D	76	C
77	D	77	D	77	A	77	D
78	B	78	A	78	B	78	B
79	D	79	C	79	D	79	D
80	C	80	C	80	C	80	C
81	B	81	D	81	B	81	B
82	C	82	A	82	C	82	C
83	C	83	B	83	C	83	C
84	A	84	D	84	D	84	A
85	B	85	C	85	B	85	B
86	C	86	B	86	B	86	C
87	C	87	C	87	A	87	C
88	D	88	C	88	D	88	D
89	B	89	D	89	D	89	B

90	C	90	B	90	D	90	C
91	A	91	B	91	C	91	A
92	A	92	C	92	D	92	A
93	B	93	C	93	A	93	B
94	C	94	A	94	C	94	C
95	A	95	B	95	C	95	A
96	C	96	C	96	D	96	C
97	C	97	C	97	A	97	C
98	A	98	D	98	B	98	A
99	C	99	B	99	B	99	C
100	C	100	C	100	C	100	C

JEIS[ELECTRICAL)