

EASTERN RAILWAY

No.E/18/E/Engg/S&T/SSE/JE/Signal

HWH dtd. the 10th Jan/2020

Sr.DSTE/HWH, Dy.CSTE/CON/HWH,Dy.CSTE/W/HWH
DSTE/HWH.

Sub: Selection for the post of JE/Signal in S&T Department in PB-2
Rs.9300-34,800/- with Grade Pay Rs.4200/- (6th CPC/Level -6 of
7th CPC) against 40% Promotional quota.

1. It has been proposed to form the panel for filling up of 24 nos. of vacancies of Junior Engineer/Signal in PB-2 Rs.9300-34,800/- with Grade Pay Rs.4200/- (Level-6, 7th CPC) against 40% promotional quota in S&T Department of Howrah Division.

Community Break up of vacancies is as under:-

Category	UR	SC	ST	Total
JE	15	06	03	24

2. The eligibility of service conditions of the staff :-

The list of senior most employees staff working in Sr.Tech/Signal maintainers in PB-2 Rs.9300-34,800/- with Grade Pay Rs.4200/-(Level-6) in the Ratio of 1:3 as per their seniority is enclosed as **Annexure-I.**

In accordance with Railway Board's extant provision when adequate number of eligible senior Tech/Signal maintainers are not available, then the Tech.-I GP Rs.2800/-in 6th CPC who had completed two years of regular service may be made eligible for consideration in the junior list for the post of JE(GP Rs.4200/-) against promotional quota for which the consideration of the list of employees for selection is enclosed as per Annexure-II.

It is advised that those employees will be included in the main list enabling to appear for the written examination in case any of the employees in the main list of Annexure-I express his/her unconditional un-willingness to appear for the selection on or before the cut off date i.e. 10.02.2020. No application/representation will be accepted after the cut-off date.

(a) They should be prepared to work anywhere in Howrah Division of Eastern Railway.

(b) Further their promotion is subject to fitness in A-3 medical classification.

3. Mode of Selection :

In terms of Railway Board letter No. E(NG)/I/2000/PM/1/41 Dated 20.8.03, the selection to assess the professional ability of the candidate shall be considered on the Written test and record of service. The candidate is to obtain the minimum 60% marks in professional ability i.e. in the written examination for being considered in selection process. As such, there is no relaxation in qualifying marks of the employees belonging to the category of SC/ST and they are also required to secure 60% marks in written examination as well as in the aggregate, as most of JE/Signal is earmarked as safety category post.

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4. **Syllabus :-**

A Syllabus process for selection of the post JE/Signal in S&T Department of Howrah Division against 40% promotional quota is enclosed as per Annexure-III.

5. **Procedure for Written Examination:**

In terms of Railway Board letter No.E(NG)/1/-2006/PM/1/2018 dated 30.8.2006 and E(NG)/2018/PM1/4 dated 14.12.2018, the written examination consists of 100% objective Type Multiple choice questions to be tested by the Competent Authority. There will be no negative marks for objective questions. The duration of the written examination will be of two(02) hours.

The total marks of the written test, correction to the answer for objective type questions will not to be evaluated such as (a). Cutting (b). Over writing (c) Erasing (d) Scoring of a question on official language will form part of the compulsorily ability for 10% of total marks. The question on official Language, policy are compulsory but there shall not be any compulsion of the candidates to answer such type questions and the question papers will be bilingual i.e. Hindi as well as in English version.

The question paper for written test held as part of selection should be to test the ability of the candidates to tackle the practical problems. However, the candidates will also be tested on practical knowledge where ever required. In accordance with Railway Board's provision No.E(NG)/1/-2004/PM/1/25 dated 02.01.2004.

6. **Supplementary Written Examination.**

A supplementary examination will be held for the employees who have remained absent themselves from the main examination in the following circumstances with the approval of the Competent Authority.

1. Administration's failure to relieve the employees in time for examination intimation of the dates of tests etc.
2. Sickness of the candidate or other reason over which the employee has no control. Unavoidable absence will not, however, include absence to attend wedding or similar function or absence over which he has control. Sickness should covered by a certificate from the Railway Medical officer.

7. **Pre-Selection Coaching :**

In terms of instructions contained in Railway Board's Lr.No.88-E(SCT)/42/2, dated 8/11.01.1991, pre-selection/pre-promotion training to SC/ST employees is to be conducted covering the syllabus of the examination for selection to Safety category post and will be imparted for a period of 3 to 4 weeks. After completion of the pre-selection coaching, a certificate has to be issued by the controlling officer to the effect that all the eligible SC/ST employees have been imparted pre-selection coaching for a period of 3 to 4 weeks covering the syllabus prescribed for the examination. In case if any employee expressed his unwillingness for pre-selection coaching a written declaration to that effect may be obtained and forwarded to this office for record.

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8. Question Bank:

In terms of Railway Board's Letter .No .E(NG)1-2006/PM1/34, dated 06.11.2006, updated Question banks covering the complete syllabus will be provided to the staff concerned or the same can be downloaded from the official website of www.er.indianrailways.govt.in. It is further advised that there will not be any mandatory limit of questions from the question banks. The controlling officer/supervisor has to ensure that the question bank is circulated to all the eligible staff and postponement of selection due to non-circulation of question banks will be viewed seriously.

The answers to be objective questions should be updated with latest instructions/amendments/modifications issued by the Railway Board/Hqrs.

9. Important dates:

24.01.2020 TO 20.02.2020	Tentative Pre-selection Coaching classes
31/03/2020	Tentative Written Examination date
14/04/2020	Supplementary Written Examination tentatively, if required.

It is to be advised to the staff listed in Annexure-I & II that they should be in readiness to appear for the examination on the dates indicated above.

The venue and time of examination will be intimated separately.

10. Procedure for drawal of Panel:

The names of the selected candidates will be arranged in the order of seniority but those securing a total of 80% or more marks in the aggregate will be classified as "Outstanding" and placed in the panel appropriately in order of their seniority allowing them to supersede not more than 50% of total employees in the zone of consideration.

11. Additional Information for guidance to the Staff:

The following factors would be taken in to account by the Selection Board for selection and their relative weightage are as under:

Sl.No.	Factors/Heading	Maximum Marks	Qualifying Marks(Min)
1	Professional ability/Written exam	50	30
2	Record of Service	30	--
3	Seniority	20	--
Total			60

The assessment under "Professional Ability" will be based on the marks secured by the individual employee in the written examination held as part of selection.

The "Record of Service" will be assessed as per the entries available in the Service Register/Personal records with respect to the educational qualifications awards and punishments and based on the grading reported in the APARs/ACRs and their break-up is as under:

- For Record of Service=30 marks(Max. marks)-As per CPO's SI.No.11/2008.
- Seniority -20 marks: The senior-most employee will be allotted 20 marks and the junior-most employee will be awarded minimum 07 marks. The difference 13(Thirteen) marks will be proportionately divided and corrected upto the first decimal between the remaining qualified employees. (Rly.Bd's instruction circulated under CPO's SI.No.46/2008).

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12. Notify to the staff:

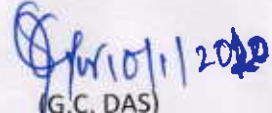
In terms of Railway Board's Lr.No.E(NG)/-72/PM1/166, dated 26.06.1972, the Senior /Supervisor concerned has to furnish a certificate that "the eligible candidates were duly notified of the holding of the test and advised to submit their applications giving willingness or otherwise in writing" and forward the same to Sr.DPO/HWH . It should be the responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariable be intimated to all the eligible employees. In case of non-receipt of any communication the same may be obtained from the Personnel Department or from the Controlling Officer. Any laxity in this regard will be viewed seriously.

With regard to willingness/unwillingness is received from the employee concerned, it shall be presumed that he/she is willing to appear for the selection.

The willingness, if any received from the employees is to be forwarded to the undersigned on or before 10.02.2020. If the employees in the Annexure-I express unwillingness for the above selection the next eligible employees indicated in the stand-by list (Annexure-II) WILL BE CONSIDERED. Further the unwillingness submitted after this date will not be accepted and they will reckon for selection and info communication hence no additional persons from the Annexure-II will be called for the selection.

The above notification may be circulated to all the concerned.

DA:- As above(Annexure-I, II & III)


(G.C. DAS)
Asstt. Personnel Officer(G)
For Sr. Divl. Personnel Officer

Copy to:-All ASTE/E.Rly./HWH – For information and necessary action.

Copy to:-SSE/S/1/HWH, SSE/S/PS/HWH, SSE/S/BWN, SSE/S/BDC,SSE/S/RPH, SSE/S/KWAE,
S&T Training Centre/LLH.- For information and necessary action.

Copy to:-Sr.DSTE/E.Rly./Howrah – He is requested to kindly arrange to make available DAR/
SPE/Vigilance clearance in favour of the employees listed in Annexure- I & Annexure-II.

Copy to: Ch.OS/Confidential Cell under Sr.DPO/Howrah. It is requested to make available the
APARs/ACRs of all the employees listed in Annexure- I & Annexure- II in readiness in all respect for
the period ending 2017-18, 2018-19 & 2019-2020 respectively. It also also advised to furnish a
certificate that all the remarks on the APARs were communicated to the concerned staff keeping in
view Railway Board's instruction contained in the letter no. E(NG)/I/-2009/CR/2 Dated 30.4.2010.

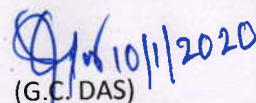
Copy to: Chief OS/S&T/HWH – It is requested to keep the service record and Personal record of the
employee updated making entries related to the awards /punishment / increments /qualification.

Copy to; OS/Secrete Cell/HWH- for information and necessary action.

Notice Board :

Copy to: SDGM /E.Rly./Kolkata – for information and necessary action.

Copy to: OS/Computer Cell – For placing Divisional Web site.


(G.C. DAS)

ASSSTT. Personnel Officer(G)
for Sr.Divl. Personnel Officer

List of employees of Sr.Technicians /Signal maintainer in PB-2 Rs.9300-34,800/- with GP Rs.4200/- in Level-6 in the field of eligibility to appear for selection for promotion to the post of Junior Engineer in PB-2 Rs.9300-34,800/- with GP Rs.4200/- against 40% Departmental quota in S&T Department.

SL NO.	NAME OF THE STAFF (S/SRI)	COMM UNITY	STN.	B.U.No	P.F.A/c No.
1	INDRANATH DAS	SC	SSE/S/1/HWH	02-904	50204590910
2	SWAPAN KR. DAS (CON)	UR	CSTE/PROJECT	02-902	5024549661
3	RAMESHWAR PROSAD	SC	SSE/S/RPH	02-935	50204549648
4	GOUTAM ADHIKARI	UR	SSE/S/1/HWH	02-903	50204562549
5	TARAK DAS BANERJEE	UR	CSTE/PROJECT	02-903	50204562513
6	ALOK KR. DEY	UR	SSE/S/AZ	02-931	50204562586
7	SNEHANSHU MONDAL	SC	SSE/PS/HWH	02-984	50204641930
8	SANTANU DAS	UR	SSE/S/PS	02-984	50204551746
9	ALOK CHAKRABORTY	UR	SSE/S/BWN	02-935	50204654547
10	PARTHA SARATHI BARAT	UR	SSE/S/1/HWH	02-906	50204654549
11	SUKLAL SOREN	ST	SSE/PS/HWH	02-984	50204562562
12	RABIN DAS	SC	SSE/SIG/BDC	02-907	50204633337
13	KAMAL KRISHNA MAJUMDAR	SC	SSE/S/1/HWH	02-906	50204633076
14	CHANCHAL KUMAR BANERJEE	UR	SSE/S/1/HWH	02-903	50204580146
15	INDRAJIT BHATTACHARJEE	UR	SSE/S/BDC	02-907	50204623850
16	SAJAL KR. NANDI	UR	SSE/S/1/HWH	02-903	50204633088
17	NIMAI CH. GHOSH	UR	SSE/S/BDC	02-907	50204633143
18	NANI GOPAL SARKAR	UR	SSE/SIG/BDC	02-907	50204633167
19	AMITAVA SEN	UR	SSE/S/RPH	02-911	50204564587
20	NANI GOPAL BOSE	UR	SSE/S/BWN	02-936	50204633210
21	MUTYA SITA RAM	UR	SSE/S/AZ	02-931	50204633222
22	SUSANTA KUMAR DAS	UR	SSE/S/BWN	02-936	50204633234
23	SUKUMAR SAHA	UR	SSE/S/BWN	02-941	50204633246
24	ANUP KR. DUTTA	UR	SSE/S/1/HWH	02-903	50204633258
25	ANUP KR. JANA	UR	SSE/S/BWN	02-935	50204633260
26	SAMIR MUKHERJEE	UR	SSE/S/CON/HWH	02-926	50204633301
27	SUDARSAN GANGOPADHYAY	UR	SSE/S/1/HWH	02-906	50204633374
28	MRINAL CHAKRABORTY	UR	DSTE/HWH	02-506	50204562434
29	HIRANMAY DAS	SC	SSE/S/KWAE	02-930	50204633090
30	BIDHAN CH. MONDAL	UR	SSE/S/1/HWH	02-904	50204354407
31	BHARAT CH KONAR	UR	SSE/S/BDC	02-932	50207857202
32	PARTHA SARATHI DUTTA	UR	SSE/S/KWAE	02-930	50204633398
33	SATI NATH MUKHERJEE	UR	SSE/S/RPH	02-911	50202672500

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34	APURBA KR. ROY	UR	SSE/S/C/HWH	02-925	50204668005
35	RAMENDRA NATH PODDAR	SC	SSE/S/C/HWH	02-926	50212078876
36	JAYANTA BISWAS	SC	SSE/S/1/HWH	02-905	50208294604
37	ARUN KR. MONDAL	SC	SSE/S/1/HWH	02-906	50208294630
38	RABIN KR. SAHA	SC	SSE/S/BDC	02-907	50204630452
39	PRADIP KR. BOSE	UR	SSE/PS/HWH	02-984	50208294460
40	ASHIS CHATTERJEE	UR	SSE/PS/HWH	02-984	50208294410
41	SUMIT KR. PAL	UR	SSE/S/BDC	02-907	50212077550
42	SUROJIT MAZUMDER	UR	SSE/PS/HWH	02-984	50208300008
43	CHAPAL KR. MISHRA	UR	SSE/S/1/HWH	02-903	50208299961
44	RAM CH. RAM	SC	SSE/S/BWN	02-939	50204548668
45	PARITOSH MITRA	SC	SSE/S/BDC	02-932	50209292329
46	ASIM MUKHERJEE	UR	SSE/PS/HWH	02-984	50204633386
47	SAMARENDU KABASI	UR	SSE/S/BWN	02-939	50209366349
48	MANABENDRA PAL	UR	SSE/SIG/BDC	02-907	50212077525
49	HADI HASSAN	UR	SSE/S/1/HWH	02-903	50212077537
50	MALOY KR. DAS	UR	SSE/PS/HWH	02-984	50208286267
51	PRADIP KR. NANDI	UR	SSE/PS/HWH	02-984	50208305390
52	PRADIP GHOSH	UR	SSE./SIG/BDC	02-907	50204607314
53	DEBABRATA GANGOPADHYAY	UR	CSTE/PROJECT/KKK	02-902	5028305286
54	ABHIJIT MUKHERJEE	UR	SSE/PS/HWH	02-984	50208294471
55	BIMAL KR. RAJAK	SC	SSE/S/AZ	02-931	50204564522
56	SANKAR PD. SHARMA	SC	SSE/S/AZ	02-931	50204720490
57	AJOY KR. BISWAS	SC	TRG.SCHOOL/LLH	02-776	50213567676
58	BISWANATH SOREN	ST	SSE/S/1/HWH	02-906	50204630506
59	SHYAMU HEMBRAM	ST	SSE/S/1/HWH	02-903	50204637422
60	AMIT BANDYOPADHYAY	UR	CSTE/PROJECT/KKK	HQ	50208294422
61	KANCHAN DUTTA	UR	CSTE/PROJECT/KKK	HQ	50208305079
62	GOUTAM BHATTACHERJEE	UR	SSE/S/BWN	02-939	50204647701
63	SHAMBHU CHOUBEY	UR	SSE/S/BDC	02-907	50212075139
64	ANIL CHANDRA MURMU	ST	SSE/S/BWN	02-935	50204630415
65	NANDA DULAL DAS	SC	SSE/S/1/HWH	02-906	50204630336
66	MIHIR CHANDRA KISKU	ST	SSE/S/RPH	02-911	50204651704
67	JOSHEF MICKEL TOPPO	ST	SSE/S/BWN	02-935	50204580801
68	AJOY BISWAS	SC	SSE/S/BDC	02-907	50205828612
69	Jyoti Prakash Sarkar	SC	SSE/Sig/BDC	02-932	50207314139
70	PRADIP KUMAR KHALKHO	ST	SSE/S/BDC	02-907	50200702840
71	SUBAKARA SINGH	ST	SSE/S/BDC	02-907	50204702852
72	PRITAM KUMAR	ST	DY.CSTE/CON/HWN	02-926	5020470686

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Standby List

SL NO.	NAME OF THE STAFF (S/SRI)	COMMUNITY	STN.	B.U.No.	P.F.A/c No.
1	P. K. CHAKRABORTY	UR	CSTE/PROJECT/KKK	HQ	50208294653
2	PRAKASH CHOUDHURY	UR	SSE/S/1/HWH	02-906	50208254630
3	SK. SAHA ALAM	UR	SSE/S/KWAE	02-930	50204551862
4	PRABIR KUMAR SASMAL	UR	CSTE/PROJECT/KKK	02-902	50208294616
5	SRIMANTA DAS	UR	SSE/S/BDC	02-907	50208300010
6	JAYDEB DUTTA	UR	CSTE/PROJECT/KKK	02-926	50208294446
7	RAM PRABESH RAY	UR	SSE/S/BWN	02-936	50204551898
8	PARAG MITRA	UR	SSE/PS/HWH	02-984	50204573330
9	SAPAN KR. KUNDU	UR	SSE/S/1/HWH	02-903	50208304919
10	S. B. BHATTACHERJEE	UR	SSE/S/1/HWH	02-903	50204720489
11	SUDIPTA BASU	UR	CSTE/PROJECT/KKK	02-902	50208294628
12	DIPAK KUMAR BHOWMIK	UR	CSTE/PROJECT/KKK	02-902	50208305298
13	GANESH TEWARY	UR	SSE/S/BWN	02-936	50204551930
14	AJAY KUMAR ROY	OBC	SSE/S/BDC	02-907	50204704630
15	Mushtaque Ahmed	UR	SSE/Sig/BWN	02-936	50204704642
16	Rajesh Kumar	OBC	SSE/Sig/RPH	02-911	50204698496
17	Bhushan Roy	OBC	SSE/Sig/I/HWH	02-905	50204703030
18	Manoj Kumar Saha	OBC	SSE/Sig/I/HWH	02-903	50204700181
19	Bitanbehari Sarkar	UR	SSE/Sig/I/HWH	02-905	50204704605
20	Shib Shankar Jetty	UR	SSE/Sig/BWN	02-936	50204705786
21	Hari Charan Gagrai	ST	SSE/Sig/RPH	02-911	50204698472
22	Anukul Chandra Tikadar	SC	SSE/Sig/BDC	02-907	50208368181
23	Subal Tikadar	SC	CSTE Project/Kolkata	02-901	50208368223
24	Provash Chandra Biswas	SC	SSE/Sig/1/HWH	02-906	50208368200
25	Anil Kumar Singh	UR	SSE/Sig/RPH	02-909	50200470806
26	Ashok Kumar	OBC	SSE/Sig/I/HWH	02-903	50204700302
27	Debjani Ghoshal(Goswami)	UR	Sr.DSTE/HWH	02-506	50204702001
28	Satya Kam Verma	OBC	SSE/Sig/RPH	02-911	50204713709
29	Sanjay Kumar	UR	SSE/Sig/RPH	02-911	50204703054
30	Niloy Majumder	UR	SSE/Sig/RPH	02-909	50204700200
31	BISWAJIT MALLICK	SC	SSE/S/BDC	02-907	50212123523
32	SATYAJIT ROY CHOWDHURY	UR	SSE/S/BWN	02-936	50204705476
33	SURENDRA PROSAD	OBC	SSE/S/1/HWH	02-905	50204704617
34	AJAY PRAKASH SINGH	ST	SSE/S/RPH	02-911	50204699660
35	RAM KRISHNA MANJHI	ST	DY.CSTE/CON/HWN	02-926	50204706857
36	BHIM SEN TUDU	ST	DY.CSTE/CON/HWN	02-926	50204706869
37	SHYAMAL CHAKRABORTY	UR	SSE/S/HWH	02-903	50204699695
38	RAM PROSAD DAS	UR	SSE/PS/HWH	02-984	50204689574

Signature
10/11/2020

Syllabus for Selection to the Post of JE Gr.II/Signal 20% LDCE Quota and 40% Promotional Quota.

1) Signalling & Interlocking :-

- a) Principles of Interlocking as per SEM.
- b) Preparation of Signalling plans and Numbering MACLS, PI Lay outs.
- c) Preparation of Inter cabin slotting.
- d) Signal control circuits for MACLS PI British type both route setting and non-route setting.

2) Electrical Signalling:-

- a) Relays of various types used in Eastern Railway.
- b) DC track circuits & their components, initial adjustments, insulating of points & cross overs, etc. Preparation of track bonding diagrams for different lay outs, (Series, parallel, series parallel)
- c) Electric point machines, universal and Siemens type and their working control and detection circuits, various checks to be carried out and measurements to be taken during maintenance.
- d) Colour light signalling, cutting in arrangement, Fred lamp, protection, various signalling lamps in signalling.
- e) Automatic-signalling & basic principles and circuits.
- f) Electric Key transmitter and its wiring.
- g) Cables – various cables used in signalling, parameters of cable, length of paralliam in RE area.
- h) Earthling: Various types of earths used in signalling, measurements of earth value, maintenance free earth & ring earth.
- i) Various transformers, rectifiers DC-DC concerts used in signalling.
- j) IPS –Components of various modules for way side stations – Periodical checking to be done.
- k) Secondary cells (LMLA) initial charging, deciding of capacity of charger based on cells, Telecom application chargers used in signalling.
- l) Solar Photo type cells and solar panels.
- m) Generators.
- n) Axis counters: Universal working block diagram, various cards available in the evaluator and their description and function of each card- Adjustment & readings.

3) Block Signalling:

- a) Push type button, token less block instruments, PTI type, Nomenclature of relays, working principles of various codes transmitted and received.
- b) Single line Daldo type instruments, frequencies used in transmitting and receiving codes, general working.
- c) SGE double line block instrument, lock and block circuit and LSS control circuit, "Dos & Donts", Automatic block signalling, circuits.
- d) IBS working principles.
- e) BPAC.

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4) **Signalling in General:-**

- a) Location of signals various types of signals and their use.
Working of siding taking off from loop line, working of siding taking from mid block section.
- b) Classification of LC Gates, rules for working of trolley, duties of maintenance of signal supervisors.
- c) Foot Plate inspection & Joints foot plate inspections.
- d) Signal failure investigations, reports and up-keep of data.
- e) Procedure in connection with opening of new works.

5) **Stores:-**

- a) Imprest stores
- b) Consumable Stores
- c) Dead Stock & T&P maintenance & DMTR.
- d) Written off stores and custody.
- e) Stock verification & theft of stores.

6) **Establishment Matters :-**

- a) Work man compensation not
- b) HOER
- c) DAR major penalties & Minor Penalties.
- d) Various types of leave rules, Pass Rules and other welfare measures.

7) **Official Languages(Raja Basha)**

- a) a,b & c regions, various incentives issued for implementation of Raj Basha.
- b) Equivalent words in Raj Basha for certain words in English.
- c) Usage of Raj Basha in official correspondence.

8) **Modern Railway Signaling:**

- a) Electronic Interlocking – Various types used in SC Rly & their salient features
- b) IPS,
- c) Data loggers
- d) BPAC & SS-DAK
- e) LED

9) **G&SR:-**

- a) Absolute block working, Automatic block working, Signals in generation, Location of various signals
- b) Working of trains during total failure of communication
- c) Standard schedule of dimensionsm-2004
- d) Infringements – Maintenance of Infringements records.

10/11/2020