REPORT

ELECTRICAL INSTALLATION CONDITION REPORT

REPORT No: EICR-20201029143538

This report documents an accurate assessment of the condition of the electrical installation and whether it is fit for continued service in accordance with BS 7671:2018

Flat 3, 34 The Polygon
Southampton
SO15 2BN

The following work was carried out at the address above

Fixed electrical installation only.

And was deemed to be:

SATISFACTORY

Company issuing this Report

Sharpes Electrical Services
120 Archery Grove
Southampton
Hampshire
SO19 9EU
07817583046
dan@sharpes.co
CPS Enrolment No: 601103000

Issued on

29/10/2020

Inspected by	Reviewed by
Kyle Sharpe	Daniel Sharpe

Recommended re-test

2025

REPORT NO: EICR-20201029143538

ELECTRICAL INSTALLATION CONDITION REPORT

Requirements for electrical installations (BS 7671 IET Wiring Regulations)

DETAILS OF THE CLIENT / PERSON ORDERING THE REPORT

Client name
Leaders Ltd

Address
Crowthorne House, Nine Mile Road

Town
Wokingham

County
-

Postcode
RG40 3GZ

Telephone
-

Mobile
-

Email
-

REASONS FOR PRODUCING THIS REPORT

Reasons for producing this report
To ensure that the installation is in a satisfactory condition and is safe for continued use.

Date inspection carried out
27/10/2020

DETAILS OF THE INSTALLATION WHICH IS THE SUBJECT OF THIS REPORT

Occupier name
Vacant

Address
Flat 3, 34 The Polygon

Town
Southampton

County
-

Postcode
SO15 2BN

Telephone
-

Evidence of additions/alterations
☐ Yes | ☐ No | ☑ Not apparent

If yes, estimated age of alterations
- Years

Estimated age of the installation
15 Years

Date of previous inspection
Unknown

Description of premises
☑ Domestic | ☐ Commercial | ☐ Industrial
☐ Other
-

Installation records available
☐ Yes | ☑ No (Regulation 651.1)

Records held by
-

Previous report/certificate no
-

EXTENT AND LIMITATIONS OF INSPECTION AND TESTING

Extent of the electrical installation covered by this report
Fixed electrical installation only.

The inspection and testing in this report and accompanying schedules have been carried out in accordance with BS 7671:2018 (IET Wiring Regulations). It should be noted that cables concealed within trunking and conduits, under floors, in roof spaces, and generally within the fabric of the building or underground, have **not** been inspected unless specifically agreed between the client and inspector prior to the inspection. An inspection should be made within an accessible roof space housing other electrical equipment.

Agreed & Operational limitations including the reasons (See Regulation 653.2)

Agreed with Leaders

Due to the number of Agreed/Operational Limitations exceeding the amount printable on this page, please find ALL Limitations on the next page.

DECLARATION

I/We, being the person(s) responsible for the inspection and testing of the electrical installation (as indicated by my/our signatures below), particulars of which are described above, having exercised reasonable skill and care when carrying out the inspection and testing, hereby declare that the information in this report, including the observations and the attached schedules, provides an accurate assessment of the condition of the electrical installation taking into account the stated extent and limitations as described above.

Overall assessment of the installation in terms of its suitability for continued use: **SATISFACTORY**

Inspected and tested by

Name: Kyle Sharpe
Signature: K. Sharpe
Position: Electrician
Date: 27/10/2020

Report authorised by

Name: Daniel Sharpe
Signature:
Position: Qualified Supervisor
Date: 29/10/2020

NEXT INSPECTION

I / We, recommend that this installation is further inspected and tested no later than: 2025

ALL LIMITATIONS OF INSPECTION AND TESTING

Number	Type	Limitation description
1	Operational	Insulation resistance only tested between live conductors and earth at 250v.
2	Operational	Main fuse not removed. Details that have been recorded (if any) have been taken from the label.

SCHEDULE(S)

1 schedule(s) of inspection and 2 schedule(s) of test results are included in this report.

OBSERVATIONS AND RECOMMENDATIONS

One of the following codes, as appropriate, has been allocated to each of the observations made below to indicate to the person(s) responsible for the installation the degree of urgency for remedial action.

C1	C2	C3	FI	N/A	N/V
0 item(s)	0 item(s)	1 item(s)	0 item(s)	0 item(s)	0 item(s)
Danger present, risk of injury, immediate remedial action required	Potentially dangerous - urgent remedial action required	Improvement recommended	Further investigation required without delay	Not applicable	Not verified

☑ The following observations and recommendations have been made

Item no	Inspection schedule item no	Observations and recommendations	Location	DB-Circuit / image ref	Code
1		Consumer unit is not metal or installed in a non-combustible cabinet or enclosure, showing NO signs of thermal damage. See Regulation 421.1.201.			C3

SUMMARY OF THE CONDITION OF THE INSTALLATION

General condition of the installation*(in terms of electrical safety)*

Satisfactory.

Where the overall assessment of the suitability of the installation for continued use below is stated as **UNSATISFACTORY**, I/we recommend that any observations classified as *'Danger present'* (Code C1) or *'Potentially dangerous'* (code C2) are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as *'Further Investigation required'* (Code FI). Observations classified as 'Improvement Recommended' (Code C3) should be given due consideration.

Overall assessment of its suitability for continued use **SATISFACTORY**

DETAILS OF THE COMPANY

Trading title	**Postcode**	**Company email**
Sharpes Electrical Services	SO19 9EU	dan@sharpes.co
Address	**Telephone no**	**Website**
120 Archery Grove	07817583046	-
Town	**Mobile number**	
Southampton	07817583046	
County	**Enrolment no**	
Hampshire	601103000	

SUPPLY CHARACTERISTICS AND EARTHING ARRANGEMENTS

Earthing arrangements

TN-S	☐
TN-C-S	✓
TN-C	☐
TT	☐
IT	☐

Number and type of live conductors

AC	✓		DC	☐	
1-phase (2 wire)	✓	1-phase (3 wire)	☐	2 pole	☐
2-phase (3 wire)	☐			3 pole	☐
3-phase (3 wire)	☐	3-phase (4 wire)	☐	Other	☐

Nature of supply parameters

Nominal voltage - U	230 V	Uo	230 V
Nominal frequency - f	50 Hz	No of supplies	-
PFC - Ipf	1.508 kA	Supply polarity confirmed	✓
Earth loop impedance - Ze	0.12 Ω		

Supply Protective Device

BS(EN)	LIM
Type	-
Short circuit capacity (kA)	LIM
Rated current (A)	LIM

PARTICULARS OF INSTALLATION REFERRED TO IN THIS REPORT

Means of earthing

Distributor's facility	✓
Earth electrode	

Details of installation earth electrode (where applicable)

Type: eg rod,tape	N/A	Resistance to earth	N/A Ω
Location	N/A	Method of measurement	N/A

Main switch / switch fuse /circuit breaker / RCD

Type BS(EN)	60947-3	Voltage rating	400 V
No of poles	2	Rated current - In	100 A
Conductor material	Copper	Fuse/device rating or setting	N/A A
Conductor csa (mm^2)	25	RCD operating current, In	N/A mA
		RCD operating time at In	N/A ms

Earthing conductor

Conductor material	Copper
Conductor csa (mm^2)	16
Continuity check	✓

Main protective bonding conductors

Conductor material	Copper
Conductor csa (mm^2)	10

Bonding of extraneous conductive parts

Water	✓	Gas	N/A
Oil	-	Structural steel	-
Lightning protection	-	Other services	-

Bonding locations and measurements can be found on page ADDITIONAL BONDING INFORMATION at the end of this certificate.

Location of main switch

Consumer Unit

BONDING OUTCOMES	Pass ✓	Fail ✗	Non existent ✗	No access 🔒	Not continuous	Limitation LIM	Not applicable N/A

SCHEDULES OF INSPECTION

Acceptable condition	✓	*Unacceptable condition*	C1	C2	*Improvement recommended*	C3	*Further investigation*	FI	*Not verified*	N/V	*Lim*	LIM	*Not applicable*	N/A

Item No	DESCRIPTION	OUTCOME *See codes above*
1.0	**EXTERNAL CONDITION OF INTAKE EQUIPMENT (VISUAL INSPECTION ONLY)**	
1.1	Service cable	✓
1.2	Service head	✓
1.3	Earthing arrangement	✓
1.4	Meter tails	✓
1.5	Metering equipment	✓
1.6	Isolator (where present)	✓
2.0	**PRESENCE OF ADEQUATE ARRANGEMENTS FOR OTHER SOURCES SUCH AS MICROGENERATORS (551.6; 551.7)**	
2.1	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6) (542.1.2.1; 542.1.2.2)	N/A
2.2	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
3.0	**EARTHING / BONDING ARRANGEMENTS (411.3; Chap 54)**	
3.1	Presence and condition of distributor's earthing arrangements (542.1.2.1; 542.1.2.2)	✓
3.2	Presence and condition of earth electrode connection where applicable (542.1.2.3)	N/A
3.3	Provision of earthing/bonding labels at all appropriate locations (514.13.1)	✓
3.4	Confirmation of earthing conductor size (542.3; 543.1.1)	✓
3.5	Accessibility and condition of earthing conductor at MET (543.3.2)	✓
3.6	Confirmation of main protective bonding conductor sizes (544.1)	✓
3.7	Condition and accessibility of main protective bonding conductor connections (543.3.2; 544.1.2)	✓
3.8	Accessibility and condition of other protective bonding connections (543.3.1; 543.3.2)	✓
4.0	**CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)**	
4.1	Adequacy of working space/accessibility to consumer unit/distribution board (132.12; 513.1)	✓
4.2	Security of fixing (134.1.1)	✓
4.3	Condition of enclosure(s) in terms of IP rating etc (416.2)	✓
4.4	Condition of enclosure(s) in terms of fire rating etc (421.1.201; 526.5)	C3
4.5	Enclosure not damaged/deteriorated so as to impair safety (651.2)	✓
4.6	Presence of main linked switched (as required by 462.1.201)	✓
4.7	Operation of main switch (functional check) (643.10)	✓
4.8	Manual operation of circuit breakers and RCD's to prove disconnection (643.10)	✓
4.9	Correct identification of circuit details and protective devices (514.8.1; 514.9.1)	✓
4.10	Presence of RCD six-monthly test notice at or near consumer unit/distribution board (514.12.2)	N/A
4.11	Presence of non-standard (mixed) cable colour warning notice at or near consumer unit/distribution board (514.4)	✓
4.12	Presence of alternative supply warning notice at or near consumer unit/distribution board (514.15)	N/A

Item No	DESCRIPTION	OUTCOME *See codes above*
cont'd	**CONSUMER UNIT(S) / DISTRIBUTION BOARD(S)**	
4.13	Presence of other required labelling (please specify) (Section 514)	✓
4.14	Compatibility of protective devices, bases and other components, correct type and rating (No signs of unacceptable thermal damage, arcing or overheating) (411.3.2; 411.4; 411.5; 411.6; Sections 432, 433)	✓
4.15	Single-pole switching or protective devices in line conductor only (132.14.1; 530.3.3)	✓
4.16	Protection against mechanical damage where cables enter consumer unit/distribution board (132.14.1; 522.8.1; 522.8.5; 522.8.11)	✓
4.17	Protection against electromagnetic effects where cables enter consumer unit/distribution board/enclosures (521.5.1)	✓
4.18	RCD(s) provided for fault protection - includes RCBOs (411.4.204; 411.5.2; 531.2)	✓
4.19	RCD(s) provided for additional protection / requirements - includes RCBOs (411.3.3; 415.1)	✓
4.20	Confirmation of indication that SPD is functional (651.4)	N/A
4.21	Confirmation that ALL conductor connections, including connections to busbars, are correctly located in terminals and are tight and secure (526.1)	✓
4.22	Adequate arrangements where a generating set operates as a switched alternative to the public supply (551.6)	N/A
4.23	Adequate arrangements where a generating set operates in parallel with the public supply (551.7)	N/A
5.0	**FINAL CIRCUITS**	
5.1	Identification of conductors (514.3.1)	✓
5.2	Cables correctly supported throughout their run (521.10.202; 522.8.5)	✓
5.3	Condition of insulation of live parts (416.1)	✓
5.4	Non sheathed cables protected by enclosure in conduit, ducting or trunking (521.10.1) ** To include the integrity of conduit and trunking systems (metallic and plastic)*	✓
5.4.1	To include the integrity of conduit and trunking systems (metal and plastic) ** To include the integrity of conduit and trunking systems (metallic and plastic)*	✓
5.5	Adequacy of cables for current carrying capacity with regard for the type and nature of installation (Section 523)	✓
5.6	Coordination between conductors and overload protective devices (433.1; 533.2.1)	✓
5.7	Adequacy of protective devices: type and rated current for fault protection (411.3)	✓
5.8	Presence and adequacy of circuit protective conductors (411.3.1; Section 543)	✓
5.9	Wiring system(s) appropriate for the type and nature of the installation and external influences (Section 522)	✓
5.10	Concealed cables installed in prescribed zones (see Extent and limitations) (522.6.202)	✓
5.11	Cables concealed under floors, above ceilings or in walls/partitions, adequately protected against damage (see Extent and limitations) (522.6.204;)	✓
5.12	Provision of additional requirements for protection by RCD not exceeding 30 mA	✓
	* for all socket outlets of rating 32A or less, unless an exception is permitted (411.3.3)	✓
	* for supply to mobile equipment not exceeding 32A rating for use outdoors (411.3.3)	✓
	* for cables concealed in walls at a depth of less than 50mm (522.6.202; 522.6.203)	✓
	* for cables concealed in walls/partitions containing metal parts regardless of depth (522.6.203)	✓
	* for final circuits supplying luminaires within domestic (household) premises (411.3.4)	✓

Item No	DESCRIPTION	OUTCOME *See codes above*
5.13	Provision of fire barriers, sealing arrangements and protection against thermal effects (Section 527)	✓
5.14	Band II cables segregated/separated from Band I cables (528.1)	✓
5.15	Cables segregated/separated from communications cabling (528.2)	✓
5.16	Cables segregated/separated from non-electrical services (528.3)	✓
5.17	Termination of cables at enclosures - indicate extent of sampling in Extent of Limitations of the report (Section 526)	✓
	* Connections soundly made and under no undue strain (526.6)	✓
	* No basic insulation of a conductor visible outside enclosure (526.8)	✓
	* Connections of live conductors adequately enclosed (526.5)	✓
	* Adequately connected at point of entry to enclosure (glands, bushes etc.) (522.8.5)	✓
5.18	Condition of accessories including socket-outlets, switches and joint boxes (621.2 (v))	✓
5.19	Suitability of accessories for external influences (512.2)	✓
5.20	Adequacy of working space/accessibility to equipment (132.12; 513.1)	✓
5.21	Single-pole switching or protective devices in line conductors only (132.14.1; 530.3.3)	✓
6.0	**LOCATION(S) CONTAINING A BATH OR SHOWER**	
6.1	Additional protection for all low voltage (LV) circuits by RCD not exceeding 30mA (704.411.3.3)	✓
6.2	Where used as a protective measure, requirements for SELV or PELV met (701.414.4.5)	✓
6.3	Shaver sockets comply with BS EN 61558-2-5 formerly BS 3535 (701.512.3)	✓
6.4	Presence of supplementary bonding conductors, unless not required by BS 7671:2018 (701.415.2)	✓
6.5	Low voltage (e.g. 230 volt) socket-outlets sited at least 3m from zone (701.512.3)	✓
6.6	Suitability of equipment for external influences for installed location in terms of IP rating (701.512.2)	✓
6.7	Suitability of accessories and controlgear etc. for a particular zone (701.512.3)	✓
6.8	Suitability of current using equipment for particular position within the location (701.55)	✓

7.0	**OTHER PART 7 SPECIAL INSTALLATIONS OR LOCATIONS**		
	List all other special installations or locations present, if any.		

N/A

Inspected by

Name (Capitals)	Signature	Date
Kyle Sharpe	K. Sharpe	27/10/2020

DB-1 - Hallway Cupboard - () (8 ways)

Applies in every case				Characteristics at this board	
DB name	DB-1	Supplied from	Origin	Supply polarity confirmed	✓
Location	Hallway Cupboard	No of circuits	8	Phase sequence confirmed	N/A
		No of phases	1		

Overcurrent protective device for the supply circuit

BS(EN)	Rating (A)	Voltage Rating (V)
LIM	LIM	-

Measurements at this board

Zs (Ω)	Ipf (kA)	IΔn (ms)	5IΔn (ms)
0.12	1.508	N/A	N/A

CIRCUIT DETAILS

					Conductors			Overcurrent devices					RCD
Cct No	Designation	No of points	Wiring type	Ref method	Live (mm^2)	cpc (mm^2)	Dis time (s)	BS(EN)	Rating (A)	Short circuit (kA)	Voltage Rating (V)	Max Zs (Ω)	IΔn (mA)
1	Ring final	6	A	100	2.5	1.5	0.4	60898-B	32	6	400	1.10	30
2	Water Heater	1	A	100	2.5	1.5	0.4	60898-B	16	6	400	2.2	30
3	Hall Socket	1	A	100	2.5	1.5	0.4	60898-B	16	6	400	2.2	30
4	Hall light	1	A	100	1.5	1	0.4	60898-B	6	6	400	5.87	30
5	Spare	-	-	-	-	-	-	-	-	-	-	-	-
6	Lights	5	A	100	1.5	1	0.4	60898-B	6	6	400	5.87	30
7	Cooker	1	A	100	6	2.5	0.4	60898-B	32	6	400	1.10	30
8	Shower	1	A	100	6	2.5	0.4	60898-B	40	6	400	0.88	30

TEST RESULTS DB-1 - Hallway Cupboard - (8 ways)

		Ring final circuits (measured end to end)			At least one column to be completed		Insulation resistance						RCD			AFDD	
Cct No	Designation	(r1) (Ω)	(rn) (Ω)	(r2) (Ω)	R1+R2 (Ω)	R2 (Ω)	IR Test voltage (V)	L-L (MΩ)	L-E (MΩ)	Polarity	Meas Zs (Ω)	Meas kA	RCD at IΔn (ms)	RCD at 5IΔn (ms)	RCD Test button	AFDD Test button	Circuit vulnerable to test
1	Ring final	0.34	0.32	0.58	0.43	-	250	LIM	999	✓	0.55	-	-	-	✓	N/A	No
2	Water Heater	-	-	-	0.04	-	250	LIM	999	✓	0.16	-	-	-	✓	N/A	No
3	Hall Socket	-	-	-	0.27	-	250	LIM	999	✓	0.39	-	-	-	✓	N/A	No
4	Hall light	-	-	-	0.26	-	250	LIM	999	✓	0.38	-	-	-	✓	N/A	No
5	Spare	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Lights	-	-	-	1.03	-	250	LIM	999	✓	1.15	-	-	-	✓	N/A	No
7	Cooker	-	-	-	0.14	-	250	LIM	999	✓	0.26	-	-	-	✓	N/A	No
8	Shower	-	-	-	0.18	-	250	LIM	999	✓	0.30	-	-	-	✓	N/A	No

ENGINEER AND TEST INSTRUMENTS

Multifunction	Continuity	Insulation resistance	EFLI Tester	RCD tester
1531022	-	-	-	-

Tested by (Capitals)	Signature	Date
Kyle Sharpe	K. Sharpe	27/10/2020

DB-2 - - () (1 ways)

Applies in every case				Characteristics at this board
DB name: DB-2	Supplied from: Origin			Supply polarity confirmed
Location:	No of circuits: 1	No of phases: 1		Phase sequence confirmed

Overcurrent protective device for the supply circuit				Measurements at this board					
BS(EN): LIM	Rating (A): LIM	Voltage Rating (V): -		Zs (Ω): 0.12	Ipf (kA): 1.508	IΔn (ms): N/A	5IΔn (ms): N/A		

CIRCUIT DETAILS

					Conductors			Overcurrent devices					RCD
Cct No	Designation	No of points	Wiring type	Ref method	Live (mm^2)	cpc (mm^2)	Dis time (s)	BS(EN)	Rating (A)	Short circuit (kA)	Voltage Rating (V)	Max Zs (Ω)	IΔn (mA)
1	Lounge Heater	1	A	100	2.5	1.5	0.4	60898-B	16	6	400	2.2	-

TEST RESULTS DB-2 - - (1 ways)

		Ring final circuits (measured end to end)			At least one column to be completed		Insulation resistance						RCD			AFDD	
Cct No	Designation	(r1) (Ω)	(rn) (Ω)	(r2) (Ω)	R1+R2 (Ω)	R2 (Ω)	IR Test voltage (V)	L-L (MΩ)	L-E (MΩ)	Polarity	Meas Zs (Ω)	Meas kA	RCD at IΔn (ms)	RCD at 5IΔn (ms)	RCD Test button	AFDD Test button	Circuit vulnerable to test
1	Lounge Heater	-	-	-	0.22	-	250	LIM	999	✓	0.34	-	-	-	-	-	-

ENGINEER AND TEST INSTRUMENTS

Multifunction	Continuity	Insulation resistance	EFLI Tester	RCD tester
1531022	-	-	-	-

Tested by (Capitals)	Signature	Date
Kyle Sharpe	K. Sharpe	27/10/2020

CONDITION REPORT GUIDANCE FOR RECIPIENTS

This report is an important and valuable document which should be retained for future reference.

1. The purpose of this Report is to confirm, so far as reasonably practicable, whether or not the electrical installation is in a satisfactory condition for continued service *(see SUMMARY OF THE CONDITION OF THE INSTALLATION)*. The report should identify any damage, deterioration, defects, and/or conditions which may give rise to danger *(see OBSERVATIONS AND RECOMMENDATIONS)*.

2. The person ordering the Report should have received this Report without watermarks and the inspector/company should have retained a duplicate.

3. This Report should be retained in a safe place and be made available to any person inspecting or undertaking work on the electrical installation in the future. If the property is vacated, this Report will provide the new owner/occupier with details of the condition of the electrical installation at the time the Report was issued.

4. Where the installation incorporates a residual current device (RCD) there should be a notice at or near the device stating that it should be tested six-monthly. **For safety reasons it is important that this instruction is followed.**

5. The *EXTENT AND LIMITATIONS* section should identify fully the extent of the installation covered by this Report and any limitations on the inspection and testing. The inspector should have agreed these aspects with the person ordering the Report and with other interested parties (licensing authority, insurance company, mortgage provider and the like) before the inspection was carried out.

6. Some operational limitations such as inability to gain access to parts of the installation or an item of equipment may have been encountered during the inspection. The inspector should have noted these.

7. For items classified in the *OBSERVATIONS AND RECOMMENDATIONS* section as C1 ("Danger present"), **the safety of those using the installation is at risk,** and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work immediately.

8. For items classified in the *OBSERVATIONS AND RECOMMENDATIONS* section as C2 ("Potentially dangerous"), **the safety of those using the installation may be at risk,** and it is recommended that a skilled person competent in electrical installation work undertakes the necessary remedial work as a matter of urgency.

9. Where it has been stated in the *OBSERVATIONS AND RECOMMENDATIONS* section that an observation requires further investigation (Code FI) the inspection has revealed an apparent deficiency which may result in a C1 or C2, and could not, due to the extent or limitations of the inspection, be fully identified. Such observations should be investigated without delay. A further examination of the installation will be necessary, to determine the nature and extent of the apparent deficiency.

10. For safety reasons, the electrical installation should be re-inspected at appropriate intervals by a skilled person or persons, competent in such work. The recommended date by which the next inspection is due is stated in the *(see SUMMARY OF THE CONDITION OF THE INSTALLATION)* section of the Report and on a label at or near to the consumer unit/distribution board.

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other)
Thermoplastic insulated/sheathed cables	Thermoplastic cables in metallic conduit	Thermoplastic cables in non-metallic conduit	Thermoplastic cables in metallic trunking	Thermoplastic cables in non-metallic trunking	Thermoplastic / SWA cables	Thermosetting / SWA cables	MICC cables	Other cable types not listed here
FP	TR	HT	SY	YY	CY	VIR		
FP 200 - standard fire resistant cable	Tri-rated - BS 6231 high temperature - flame retardant cable	Hi Tuff - waterproof with a tough PVC sheathing for outdoor use	SY cable - flexible instrumentation cable with a galvanised steel wire braid	YY cable - flexible instrumentation cable with a galvanised steel wire braid	CY cable - flexible instrumentation cable with a galvanised steel wire braid and a PETP separator	VIR - Vulcanised Indian Rubber cable - no longer manufactured		