



SOUTH AFRICAN RADIO LEAGUE

National Body for Amateur Radio in South Africa

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Assessment to Setup, Adjust and Operate an HF Transceiver

Examination number:

First name and surname of candidate:

ID/ Passport Number:

Candidate Pass: YES / NO (Mark with an X)

Date of Assessment:

Assessor 1		Assessor 2	
Full Name		Full Name	
Call Sign		Call Sign	
Signature		Signature	

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Power Source		
1. Demonstrate the correct method of connecting a power source – 12-volt battery or 12-volt power supply from 220 Volt mains – to the transceiver.		
Antenna		
2. Connect a suitable antenna and earth connection to the transceiver and question the understanding of the importance of both		
3. Check the SWR		
4. Adjust SWR with antenna tuner, if available.		
5. Make adjustments to the antenna if necessary (or be able to discuss the procedure to adjust the antenna)		
Transceiver		
6. Demonstrate knowledge of the basic controls of a HF transceiver – AF Gain, RF Gain, ALC, Mic control, RIT, filters, mode selector.		
7. Demonstrate knowledge of the various input and output connections on the transceiver – phones, key, ext VFO, etc.		
8. Demonstrate knowledge why proper grounding of the transceiver and antenna are necessary		
QSO Procedural section		
9. Switch on the transceiver and check for correct operation.		
10. Turn to a busy frequency and clarify the SSB signal correctly		
11. Give a signal report based on the S-meter display		
12. Turn to a clear frequency, call CQ and establish a contact with the answering station.		
13. Complete the logbook entry for the QSO and prepare the QSL card.		
14. Shut down the transceiver and power.		

1. The assessment is not in sequence; certain antenna items can only be assessed once the transceiver is switched on.
2. The assessment of point 6 and 7 will depend on the type of HF transceiver that is available.

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