

DRAFT

12th October, 2017

PTA Guidelines for Issuance of NOC for Local Mobile Phone Assembly Line in Pakistan

1. Under the Telecom Act 1996 (section 29), no terminal equipment can be directly or indirectly connected with public switched network unless it has been type approved by PTA. The Pakistan Telecommunication Authority (PTA) hereby issues the following guidelines in respect to setting of Local Mobile Phone Assembly Line in Pakistan for assembly of PTA type approved model.
 - 1.1. These guidelines will be applicable for valid PTA mobile phones type approval holders
 - 1.2. PTA may revise the guidelines from time to time and may ask applicant for further information in order to evaluate received request
2.
 - 2.1 Request on company letter head containing following details
 - i. Company Profile, SECP Registration, Board of Director (BOD) details etc.
 - ii. Purpose of use details
 - iii. Address of location where assembly line is to be setup
 - iv. Details for devices to be assembled
 - v. Certification/ Undertaking from manufacturer that local mobile phone assembly plant being setup by its type approval holder will be in line with best international practices/standards
 - 2.2 A detailed technical presentation containing following
 - i. Parts being imported to be used to assemble assembly line, Packing line & details of materials to be used
 - ii. Technical Literature explaining use for each assembly line part
 - iii. Commercial Invoice copy
 - iv. Airway Bill Copy
 - 2.3 Undertaking by CEO/ BOD containing following
 - i. Applicant/Company will apply for type approval for each model in line with type approval regulations and only assemble the type approved model(s)
 - ii. Applicant/Company will abide by all rule/ regulation and pay all applicable taxes and duties as defined from time to time as part of local assembly.
 - iii. Applicant/Company will obtain NOC/Permissions for each consignment of parts imported for assembly of type approved mobile phone model

- iv. All devices assembled in Pakistan will have clear marking stating “Assembled in Pakistan” on the finished product
- v. Applicant/Company will register all assembled mobile phone along with IMEI and obtain NOC/Permissions by submitting all documentation along with IMEI details at commercialnoc@pta.gov.pk or any other authority prescribed mechanism prior to commercial sale/marketing
- vi. Applicant/Company will provide a sample of finished product from each assembled batch to PTA for inspection. The sample will be returned to applicant upon inspection.

3. A Provisional NOC for period of 6 months will be issued, applicant will intimate PTA about setup of assembly plant for inspection. Applicant will demonstrate following during inspection

- *Quality and Control Testing at assembly line including Device Function Test*
- *Controlled Drop test of device*
- *Electrostatic Discharge (ESD) setup/tools (e.g.ESD Coat, Cap, Wrist band etc.)*
- *Product Stress Testing (e.g. Temperature, Mechanical & Electrical, Durability etc.)*
- *Wi-Fi, Bluetooth, Antenna&Signal Test*
- *Evaluation and verification of IMEI writing*
- *All local assembled devices should abide by type approval regulation standards related to Health, Safety, RF, EM and SAR. Example of standards is given below*

Health and Safety standard	Acceptable Standard				Description
	EN	IEC	OHSAS	ISO	
Electrical	60950 60950-1	60950	-	-	• Safety of information technology equipment
Health	60950-22 300328 301406 301489	-	18000 18001	45001	• Occupational health and safety quality management
	50360	62209-1	-	-	• Product standard to demonstrate the compliance of mobile phones with the basic restrictions related to human exposure to electromagnetic fields (300 MHz -3 GHz)
	50371 62479	-	-	-	• Generic standard to demonstrate the compliance of low power electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (10 MHz -300 GHz) -General public
Specific Absorption Rate(SAR)	50385	-	-	9001/14 001	• Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless.

	50392 60950 62209-1	62311	-	-	<ul style="list-style-type: none"> • Generic standard to demonstrate the compliance of electronic and electrical apparatus with the basic restrictions related to human exposure to electromagnetic fields (0 Hz – 300 GHz)
	60215	-	-	-	<ul style="list-style-type: none"> • Safety requirements for radio transmitting equipment

4. Upon successful inspection of assembly line, a formal NOC may be issued accordingly.