



Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

# National Neonatology Forum of India's Newborn Care Accreditation Program with support of UNICEF India

APPLICATION FORM CUM SELF-ASSESSMENT TOOLKIT & ASSESSOR REPORTING FORMAT FOR NNF ACCREDITATION

NOTE FOR FILLING IN APPLICATION FORM & SELF ASSESSMENT TOOLKIT





#### Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

- APPLICATION FORM & SELF-ASSESSMENT SECTION is to be completed by applicant at the time of applying for NNF Accreditation.
- Please mention clearly all the required details at appropriate places.
- Self-Assessment Toolkit has been divided into certain section covering various aspects of Neonatal Care. Each section has certain "MANDATORY ELEMENTS" which have to be met COMPULSARILY by all newborn care units wanting to get accredited.
- In case a unit falls short of a Mandatory Criteria, it should try and rectify the shortcoming and then re-self-assess itself before applying for accreditation.
- Besides Mandatory elements, there are certain "ESSENTIAL ELEMENTS" in each section. These essential elements are to be marked with a "1" for YES or "0" for NO response to show that requirement for that element is MET or NOT-MET by the unit.
- Total marks thus accumulated for each section and for overall toolkit will be compiled and accordingly final score for the unit will be arrived at.
- These "ESSENTIAL ELEMENTS" offer us the way forward in delivering quality newborn care. These elements have been put in order to define the frontiers of new born care within the level II environment.
- ONLY SCORES FROM THE ESSENTIAL ELEMENTS WOULD BE USED FOR SCORING A UNIT.
- This score will be used by assessors along with onsite assessment of unit to arrive at their recommendation for the unit. These scores and assessors recommendation will be sent to NNF's Accreditation Review Committee for final decision.
- SCORING A UNIT SHOULD SCORE AT LEAST 75% TO BE CONSIDERED FOR NNF ACCREDITATION.

# APPLICATION FORM (to be filled by applicant only) GENERAL INFORMATION ABOUT THE UNIT Particulars 1. Name of unit along with full address, phone numbers & email address of unit Phone (with STD code): Email:

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2.	Date of starting operations of the unit (dd-mm-yyyy) and Functional Age of the unit (in years)	
3.	Date of self-assessment (dd-mm-yyyy)	
		Name:
4.	Name of unit in charge with qualifications and other	Full Address:
	details	Phone (with STD code):
		Email:
5.	Accreditation requested for	Level II-A
6.	Available number of beds in the unit	
7.	Surface area of unit (sq feet), please attach floor diagram of unit with dimensions of various areas (as Annexe to this format)	
8.	Name of consultants with their qualification & experience (in no. of years after PG)	
	experience (iii iio. or years after 1 G)	





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9. No of Junior Doctors (Post MBBS)	
10. No of Nurses	
11. Total Deliveries/year	
12. Total Admissions in your newborn care unit/year	
13. No. of ventilated patient per year (if applicable)	
14. Patient ventilation days in a year (if applicable)	
<b>15</b> . Self-Assessment score (in numbers as scored by the summation of essential criteria only)	
16. Is the unit part of a hospital/institution?	YES / NO (please encircle appropriate answer)
If yes	
a. Please mention - no. of beds	a)
b. Specialties offered by the hospital	b)
c. Special care areas in the hospital	c)
d. Other facilities in the hospital	d)
17. Recognition for fellowship training for doctors/nurses has been requested? and its Fee submitted, if yes give details of payment made?	





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<b>18</b> . Any other teaching/training programs undertaken by the unit e.g. DCH, DNB, DM, etc.	
19. Teaching experience of consultant(s)	
20. Facilities for nurses training (if any, e.g. nursing college, etc.)	
21. Any additional information:	
22. Date of Application (dd-mm-yyyy)	
23. Signature of Unit In charge with their official seal/stamp	

Unit Statistics	Year 1	Year 2	Year 3
		(if applicable)	(if applicable)

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Total inborn babies admitted			
Total out born babies admitted			
Total number of babies admitted with LBW			
Total number of babies referred-in			
Mortality figures – in born babies			
Mortality figures – out born babies			
Mortality figures – LBW babies			
Mortality figures – ELBW babies (if applicable)			
Bed occupancy rate (in %) of the unit			
• Average length of stay of the unit (in days or hours [if stay is < 1 day])			
• The five (5) commonest diagnoses (in last three years or since inception if unit is < 3 years old)	i.	i.	i.
	ii.	ii.	ii.
	iii.	iii.	iii.
	iv.	iv.	iv.
	v.	v.	v.





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SECTIONS	ELEMENTS IN SECTIONS	SELF- ASSESSMENT (To be completed by applicant at the time of application)	ASSESSOR'S ASSESSMENT (To be verified and completed by the Assessors on inspection of the unit)
SERVICES		Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY:		
M1	Resuscitation at birth to all babies by NRP trained doctor preferably paediatrician		
M2	Care of sick neonate including babies >= 1000gms or >= 30 weeks		
M3	Stabilization of patients prior to referral		
M4	Transport facilities for Higher level of care		
M5	Follow-up of the High risk SNCU graduates		
M6	The Unit should be working/ operational for at least 12 months before applying for accreditation.		
M7	Patient-care load at least 200 patients deserving admission in a level II unit / year.		
E	ESSENTIAL		
E1	Attached to active obstetric unit with facility of perinatal care		
E2	Facility for carrying out exchange transfusion		
E3	Facility for BERA screening (in house/outsourced)		





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	TOTAL SCORE		
Finally, the Assessor	" should be filled ONLY by the Assessor will ADD Scores in different AREAS tions should be written in concerned area only		
	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	03	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (C	ONLY FOR ASSESSO	ORS)
Y	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STAN	NDARDS (ONLY FOR	R ASSESSORS)
INFRASTRUCTURE		Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	Should have minimum 12 beds. The unit may be bigger in the same proportion if there are > 12 beds		
M2	Every bed should have the space of 100 sq ft (this is inclusive of the 50 sq ft of ancillary areas)		
M3	A separate marked area/room for expression of milk and breastfeeding		
M4	Hospital must have a room for providing separate stay facility for all mothers of <2000gms babies within unit's/hospital's premises		

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Are there designated areas for clean utility and dirty utility?	
Adequate measures for maintaining the ambient temperature of the baby care area, like use of air conditioning (hot climate) and of room warmers (cold climate) to maintain the temperature between the 26-28 degree Celsius range	
Well illuminated but adjustable day and night lighting. Cool white fluorescent tubes or CFL unit with reflection grid providing 10-20 foot candles or 100-200 lux.	
Reinforced light of 1000-1500 lux shadow free illumination for examination.	
Blood Bank/Storage unit services available 24x7 in the hospital/conveniently outsourced	
Availability of continues water supply round the clock	
There should be at least 4 - 6 sockets/level beds of appropriate amperage	
Uninterrupted availability of power supply through a generator / UPS etc	
ESSENTIAL	
Availability of suction facility	
Availability of suction facility  Facility for dimming of general lighting in the SNCU for developmental care	
Facility for dimming of general lighting in the SNCU for developmental care  Sound absorbent walls and ceiling of the SNCU. Background noise should not be more than	
Facility for dimming of general lighting in the SNCU for developmental care  Sound absorbent walls and ceiling of the SNCU. Background noise should not be more than 45db and peak intensity should not be more than 80 db.  Has there been a power audit of the unit (to ascertain if electrical load of the unit was calculated	
	Adequate measures for maintaining the ambient temperature of the baby care area, like use of air conditioning (hot climate) and of room warmers (cold climate) to maintain the temperature between the 26-28 degree Celsius range  Well illuminated but adjustable day and night lighting. Cool white fluorescent tubes or CFL unit with reflection grid providing 10-20 foot candles or 100-200 lux.  Reinforced light of 1000-1500 lux shadow free illumination for examination.  Blood Bank/Storage unit services available 24x7 in the hospital/conveniently outsourced  Availability of continues water supply round the clock  There should be at least 4 - 6 sockets/level beds of appropriate amperage  Uninterrupted availability of power supply through a generator / UPS etc





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E7	Receiving room with examination area	
E8	Charting/staff work area, e.g. nursing station, cupboard/almirah for records, books, manuals, etc.	
Е9	Breast feeding, expression of breast milk area	
E10	Duty room for doctors	
E11	Nurses changing room	
E12	Clean utility/holding area	
E13	Soiled utility/holding area	
E14	Stores	
E15	Side lab	
E16	Autoclaving room/area	
E17	Counselling room/area	
	TOTAL SCORES	

#### Note:

The rows "X" and "Y" should be filled ONLY by the Assessor Finally, the Assessor will ADD Scores in different AREAS

The Gaps and Suggestions should be written in concerned area only

	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	17	





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#### ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)

 $\mathbf{Y}$ 

#### ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)

EQUIPMENTS		Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	One Stethoscope with each Neonatal Bed		
M2	All warmers (equivalent to the neonatal bed) should have temperature sensing with Servo control		
M3	At least two Electronic weighing machine with minimum 5g sensitivity		
M4	One pulse-oximeter for every two level II beds and One pulse-oximeter for every level IIB bed		
M5	At least two Glucometer in unit		
M6	At least 1 CPAP per 6 beds		
M7	There should be 1 Oxygen delivery point for every 2 beds in the unit. Oxygen delivery could be from cylinder/concentrators/central supply		
M8	2 sets of sterile resuscitation equipment with all sizes of blades and mask in unit at all times		
M9	Phototherapy machine one for each 2 beds		
M10	Two infusion pumps for each level IIB beds and one for every level II beds		





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M11	Resuscitation equipment with all sizes of blades and mask, at least 4 such sets for each 12 level	
14111	II beds	
M12	Following equipments are present with the unit:	
IVIIZ	Open care system: radiant warmer, fixed height, with trolley, drawers, oxygen bottles	
M13	Phototherapy unit, single head, high intensity	
M14	Resuscitator, hand-operated, neonate, 250 ml	
M15	Resuscitator, hand-operated, neonate, 500ml	
M16	Laryngoscope set, neonate	
M17	Pump, suction, portable, 220V and/or Pump, suction, foot-operated	
M18	Surgical instruments (suture/SET)	
M19	Syringe pump, 10, 20, 50 ml, single phase	
M20	Oxygen hood, S and M, set of 3 each, including connecting tubes	
M21	Thermometer, clinical, digital, 32-43°C	
M22	Scale, baby, electronic, 10 kg <5g>	
M23	Pulse oximeter, bedside, neonatal	
M24	Sphygmomanometer, neonate, electronic	
M25	Light, examination, mobile, 220-12V	
M26	Hub cutter, syringe	





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M27	Tape, measure, vinyl-coated, 1.5m.	
M28	Basin, kidney, stainless steel, 825ml	
M29	Tray, dressings, 300x200x30mm	
M30	Stand, infusion, double hook, on castors	
M31	Infantometer, plexi, 3½ft/105cm	
M32	Washing machine with dryer	
M33	Gowns for staff and mothers	
M34	Washable slippers	
M35	Centrifuge, hematocrit, bench-top, up to 12000 rpm, including rotor	
M36	Glucometer with Dextrostix	
M37	Generator of appropriate load bearing capacity	
M38	Refrigerator	
M39	Voltage Servo-Stabiliser (three phase): 25-50 KVA	
M41	Spot Lamps	
M42	Wall Clock with second hand	
E	ESSENTIAL	
E1	One Multi-Para Monitor for every two beds	





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E2	A portable X-ray machine (in unit/in house) available round the clock	
Е3	Acid Blood Gas analysis Machine within unit or hospital premises	
E4	USG/CT/MRI facility that is present either with in the Hospital/conveniently Outsourced	
E5	Sterile fluid preparation area with laminar flow station	
E6	T-piece Resuscitators in unit	
E7	Cold light source for detection of pneumothorax	
E8	2D ECHO facility on call	
Е9	Invasive BP monitoring for ventilated babies	
E10	Flux Meter	
	TOTAL SCORE	

#### Note:

The rows "X" and "Y" should be filled ONLY by the Assessor Finally, the Assessor will ADD Scores in different AREAS

The Gaps and Suggestions should be written in concerned area only

	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	10	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (O	ONLY FOR ASSESSO	RS)
V			

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#### ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)

HUMAN RESOURCES	UMAN RESOURCES		Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	One full time In charge of Unit, who should be an MD/DNB/DCH with 3/3/5 years experience in Neonatology after post graduation (on call)		
M2	Total four medical officers with experience in neonatology (6 months in neonatal unit OR FBNC trained with 14-day NNF observership training undertaken)		
M3	One Nursing In charge, who should have at least 1 year experience of working in a neonatal unit (non-rotational)		
M4	Unit maintains ratio of one nurse per bed, and one-third of the staff is trained in FBNC and has undertaken 14-day NNF observership training OR has work experience of at least 1 month in an NICU		
M5	At least 1 cleaner/helper per shift		
D	ESSENTIAL		
E1	An identified ophthalmologist for ROP screening (where the babies may be sent)		
E2	Identified ICU technician /bio medical technician or engineer who is committed to provide support to unit for its equipments		
Е3	Lactation counsellor (in 9am-4pm shift) for difficult cases (who can be shared with maternal unit, if present within the hospital)		
E4	Nursing staff trained in the developmental supportive care (certification & demonstration for same can be asked by Assessor during assessment)		



M3

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E5	Security personnel 1 per shift		
	TOTAL SCORE		
inally , the Asses	I "Y" should be filled ONLY by the Assessor sor will ADD Scores in different AREAS ggestions should be written in concerned area only		
	CRITERIA	MAX. SCORE	UNIT'S SCORI
X	MANDATORY	ALL YES	
	ESSENTIAL	05	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (O	NLY FOR ASSESSO	RS)
Y	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STAN	NDARDS (ONLY FOR	R ASSESSORS)
OTOCOLS & P	PROCESSES	Mark - 1 for YES / 0 for NO	Mark - 1 for YES for NO
M	MANDATORY		
M1	Committed breastfeeding policy being followed & displayed 10 steps of Baby Friendly Hospital Initiative (BFHI)		
M2	Hospital must have a policy and space for providing separate in house facility for all mothers of <2000gms		

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Hospital should have policy for promoting KMC





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		·	·
M4	Structured process to educate the mothers about basic newborn care		
M5	A defined process for communication of newborn's condition regularly to the parents/relatives, at least once a day		
M6	A defined protocol/process for conducting grievance counselling of the parents and family by the doctor in case of newborn death		
M7	Protocol(s) for adequate and effective warming for high risk babies during special care/procedures displayed in the unit and followed		
M8	Admission and discharge policy defined and displayed		
M9	Protocols for Level II Care (NNF CPG Guideline) / FBNC or Equivalent should be retained and followed		
M10	A defined policy on equipment maintenance (including the AMC / CMC) where ever indicated		
M11	Protocol of orientation of new staff and refresher course (like CME) for existing staff		
M12	Sepsis screen & Blood culture done on babies prior to starting antibiotics		
M13	A Separate follow-up clinic for the High Risk SNCU graduates (at least 1/wk)		
M14	Hearing Screen for the High Risk Babies at discharge		
M15	Protocol to screen all high risk babies for ROP		
M16	Individual written instruction for trouble shooting of equipments		
M17	Documented Communication, counselling, consent forms, vital signs monitoring, procedures, medications, notes, nursing sheet formats		
M18	Transport protocols, both to and from higher and lower level		
E	ESSENTIAL		



M1

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		T	
E1	Incident reporting and closure of loop – properly documented		
E2	Facility for metabolic Screen (e.g. TSH, PKU, Galactosemia etc) on all babies		
	TOTAL SCORE		
Finally, the Assesso	Y" should be filled ONLY by the Assessor r will ADD Scores in different AREAS estions should be written in concerned area only		
	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	02	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)		
•	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STAIL	NDARDS (ONLY FOR	ASSESSORS)
Y			
FACILITIES FOR T	HERMOREGULATION	Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY		

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Unit's temperature should be maintained between 26-28 degree Celsius, at all times





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M2	Adequate number of functional room thermometers (at least one for each baby care room)		
M3	Servo systems of all warmers is working (Assessor can ask one of staff to demonstrate it)		
M4	Adequate number of digital thermometers/alternate device to monitor for severe hypothermia		
M5	A log book for KMC to be maintained in unit (with documentation of mother's & baby's details)		
M6	A log book with daily shift-wise recording of temperature of SNCU is maintained		
D	ESSENTIAL		
E1	Skin to skin contact immediately after birth practiced (routine care)		
	TOTAL SCORE		

#### Note:

The rows "X" and "Y" should be filled ONLY by the Assessor Finally, the Assessor will ADD Scores in different AREAS The Gaps and Suggestions should be written in concerned area only

	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	01	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)		
V			
1	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STAIL	NDARDS (ONLY FOR	R ASSESSORS)

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DRUGS, FLUIDS AND	DRUGS, FLUIDS AND NUTRITION		Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	Growth chart used for day to day monitoring		
M2	Separate containers with lids for storage of the EBM being used		
M3	At least 2 separate emergency tray for unit		
M4	Each of the patient care rooms/area in the unit should have an emergency tray/crash cart with all necessary medicines and resuscitation equipments in adequate numbers		
M5	All fluid administration by Infusion Pumps		
M6	Availability of refrigerator exclusively for storing feeds and drugs in baby care area		
E	ESSENTIAL		
E1	Use of scientifically designed breast pumps (Electronic/Manual)		
	TOTAL SCORE		

#### Note:

The rows "X" and "Y" should be filled ONLY by the Assessor Finally , the Assessor will ADD Scores in different AREAS

The Gaps and Suggestions should be written in concerned area only

	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	01	





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#### ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)

V

#### ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)

LABOR ROOM/OT &	LABOR ROOM/OT & RESUCITATION		Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	Availability of a wall clock (seconds) in at all Birthing Areas		
M2	Availability of functional radiant warmer (Newborn care corner) at all Birthing areas		
M3	Availability of a functioning pressure controlled suction machine/mucus extractor		
M4	Availability of separate self inflating resuscitation bag (<750ml) and well fitting neonatal face masks (all sizes)		
M5	Prominent display of the NRP Algorithm at all the birthing areas		
M6	Availability of oxygen (central or from cylinder) with a flow meter		
M7	Staff aware of and helps mother initiate successful breastfeeding within the first hour (staff can be asked to demonstrate it during assessment)		
M8	Availability of "essential and emergency resuscitation drugs" (e.g. adrenaline, RL, normal saline, etc.) that is replenished on daily basis.		
M9	The record sheets of resuscitation as per the NRP guidelines/CPG Guidelines		
E	ESSENTIAL		





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E1	Availability of facility for blending for graded oxygen delivery (at least differential flow blending)/blender	
E2	Availability of the Pulse Oximeter for monitoring of the baby (preferably SET technology)	
Е3	Availability of the T-Piece resuscitator for the Preterm babies	
E4	Availability of the Heater Pads / Re-sealable plastic (Zip pouch) to be used for preterm deliveries	
E5	Two sets of working infant laryngoscopes with all blade sizes (0 & 1) with ETT in various sizes (2.5, 3, 3.5, 4)	
E6	Availability of umbilical vein cannulation set(s) to be used during resuscitation	
	TOTAL SCORE	

#### Note:

The rows "X" and "Y" should be filled ONLY by the Assessor

Finally, the Assessor will ADD Scores in different AREAS
The Gaps and Suggestions should be written in concerned area only

	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	06	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)		
V			
ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STANDARDS (ONLY FOR ASSESSO			

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INFECTION CONT	TROL PRACTICES	Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	Availability of a dedicated Wash area with Gown changing area, prior to entry into the SNCU		
M2	Presence of at least one wash basin for every 5 beds in baby care area (room) with shower tap (elbow or foot operated)		
M3	Provisions for hand washing instructions displayed in the wash area		
M4	Staff aware of technique of hand washing (Assessor can ask for demonstration during onsite assessment)		
M5	Is there availability of alcohol-based hand rub – one between 2-3 beds?		
M6	Is there a written down unit antibiotic policy?		
M7	Availability of adequate quantity of disinfectants e.g.  • Floor (e.g. Lysol, Phenol)  • Surface (Bacillocid etc.)  • Tubes/ Circuits (e.g. Glutaraldehyde)  • Hands / Baby (e.g., Hand rubs, Betadine, Chlorhexidine)  • Autoclave/EtO (in unit's/hospital's premises)		
M8	Are there written instructions/guidelines for method of equipment cleaning and disinfection?		
M9	Are there written instructions/guidelines for unit's cleaning, disinfection routines		
M10	Disinfection & Cleaning practices being followed and documented properly		
M11	Does the unit follow the bio-medical waste management norms as prescribed by Govt. of India		
E	ESSENTIAL		





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E1	Infection Surveillance and Audit of the unit is done on regular basis		
E2	Periodic bacteriological surveillance done of the unit by infection control committee		
	TOTAL SCORE		
Finally, the Assess	"Y" should be filled ONLY by the Assessor sor will ADD Scores in different AREAS gestions should be written in concerned area only		
	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	02	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (O	NLY FOR ASSESSO	PRS)
*7			
Y	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STAIR	NDARDS (ONLY FOI	R ASSESSORS)
LABORATORY FA (within unit/hospital.	ACILITIES /outsourced [MOU for the same should be present with the unit])	Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY:		
M1	CBC		
M2	Serum Bilirubin (Both Direct and Indirect)		
M3	Plasma Glucose		
	1		·





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M4	Serum Urea and Creatinine	
M5	Serum Electrolytes and Calcium	
M6	CRP	
M7	TORCHES Screen	
E	ESSENTIAL	
E1	Microbiological lab facilities (inclusive of Blood Culture, fungal culture, etc.)	
E2	ABG Analysis	
E3	Facility for IEM Screen including thyroid profile	
	TOTAL SCORE	

#### Note:

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	CRITERIA	MAX. SCORE	UNIT'S SCORE	
X	MANDATORY	ALL YES		
	ESSENTIAL	03		
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)			
V				
Y	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STAIL	NDARDS (ONLY FOR	ASSESSORS)	





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NATAL TRAI	NSPORT	0 for NO	0 for NO
M	MANDATORY		
M1	Facility for Provision of Warmth, oxygenation, Suction and Resuscitation kit in the ambulance		
M2	Availability of the Neonatal nursing staff OR trained doctor in all transports		
M3	Adequate number of ambulance drivers and/or paramedics (in-house/outsourced) – who should be training equivalent to ER-technician/EMT		
M4	Points for Pulse Oximeter and the Infusion pumps in the Ambulance		
M5	Display of contact details of higher and lower referral linkages of the unit		
M6	Outcome records of these referred patients/follow-up of such patients		
E	ESSENTIAL		
E1	Neonatal Transport incubator in the Ambulance		
E2	Doctors accompanying during transport (documentary proof)		
	TOTAL SCORE		
lly , the Asses	I "Y" should be filled ONLY by the Assessor sor will ADD Scores in different AREAS ggestions should be written in concerned area only		
Gaps and Sug	CRITERIA	MAX. SCORE	UNIT'S SCORI





# Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

X	MANDATORY	ALL YES		
	ESSENTIAL	02		
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (C	ONLY FOR ASSESSOR	S)	
V				
Y	ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)			

CASE RECORD MAI	NTAINENCE	Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	Case sheets should have daily record of examination and daily orders with name & signature of the treating doctor		
M2	Record of daily charting of temperature, pulse and fluid input/output in case sheets with signature (Identity) of on duty nurse		
M3	Are the verbal orders by doctors verified by them within 24 hours of giving such orders?		
M4	Documentation of all procedures done in the unit in appropriate format		
M5	Use of growth charts regularly in the unit especially for small babies		
M6	Use of the special charts for Exchange transfusion / Partial Exchange transfusion / ABG-Ventilation etc.		
M7	Electronic/Manual medical record keeping		
M8	Monthly and Annual Sepsis data maintained		





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M9	Monthly and Annual Morbidity data maintained	
M10	Monthly and Annual Mortality data maintained	
M11	Monthly and Annual Equipment status report	
E	ESSENTIAL	
E1	Monthly Perinatal-Neonatal meetings with documented record of such discussions	
E2	Medical record data sharing with NNF (these should be inclusive of M8-M11 elements of this section)	
E3	Structured sequential developmental follow-up of discharged babies till 2-years with all records	
	TOTAL SCORE	

#### Note:

The rows "X" and "Y" should be filled ONLY by the Assessor Finally, the Assessor will ADD Scores in different AREAS The Gaps and Suggestions should be written in concerned area only

	CRITERIA	MAX. SCORE	UNIT'S SCORE
X	MANDATORY	ALL YES	
	ESSENTIAL	03	
	ANY GAPS IDENTIFIED IN THIS SECTION OF STANDARDS (O	NLY FOR ASSESSO	RS)

Y

ANY SUGGESTIONS FOR UNIT PERTAINING TO THIS SECTION OF STANDARDS (ONLY FOR ASSESSORS)





# Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

MISCELLANEOUS		Mark - 1 for YES / 0 for NO	Mark - 1 for YES / 0 for NO
M	MANDATORY		
M1	At least one computer with printer and internet access in unit		
E	ESSENTIAL		
E1	The unit should be undertaking short research in community-based neonatology/ neonatology		
E2	Unit should have an community outreach programme		
	TOTAL SCORE		
Note:			
Finally, the Assess	'Y" should be filled ONLY by the Assessor or will ADD Scores in different AREAS estions should be written in concerned area only		
Finally, the Assess	or will ADD Scores in different AREAS	MAX. SCORE	UNIT'S SCORE
Finally, the Assess	or will ADD Scores in different AREAS estions should be written in concerned area only	MAX. SCORE ALL YES	UNIT'S SCORE
Finally, the Assess The Gaps and Sugg	or will ADD Scores in different AREAS sestions should be written in concerned area only  CRITERIA		UNIT'S SCORE
Finally, the Assess The Gaps and Sugg	or will ADD Scores in different AREAS gestions should be written in concerned area only  CRITERIA  MANDATORY	ALL YES 02	
Finally, the Assess The Gaps and Sugg	or will ADD Scores in different AREAS gestions should be written in concerned area only  CRITERIA  MANDATORY  ESSENTIAL	ALL YES 02	





Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for **LEVEL II-A** 







Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

# LIST OF ABBREVIATIONS USED IN NNF's ACCREDITATION STANDARDS (2013 Version)





# Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

17-OH	17 Hydroxy (OH) Progesterone	DHEA	Dehydroepiandrosterone		
ABG	Acid Blood Gas Analysis	DM	Doctorate in Medicine		
aEEG	Amplitude-Integrated Electroencephalography	DNB	Diplomate of National Board		
AMC	Annual Maintenance Contract	DR-CPAP	Delivery Room Continuous Positive Airway Pressure		
BERA	Brainstem Evoked Response Audiometry	EBM	Expressed Breast Milk		
BMW	Bio-Medical Waste	ЕСНО	Echocardiography		
BSc	Bachelor of Science	ELBW	Extremely Low Birth Weight		
CBC	Complete Blood Count	EMT	Emergency Medical Technician		
CMC	Comprehensive Maintenance Contract	ER	Emergency Room also known as Casualty or Emergency		
CME	Continued Medical Education	ET CO <sub>2</sub>	End Tidal CO <sub>2</sub>		
$CO_2$	Carbon Dioxide	EtO	Ethylene Oxide		
CPAP	Continuous Positive Airway Pressure	ETT	Endotracheal Tube		
CPG	Clinical Practice Guidelines (issued by NNF)	FBNC	Facility Based Newborn Care		
CRP	C-Reactive Protein	GNM	General Nursing & Midwifery		
СТ	Computed Tomography (imaging)	HIS	Hospital Infection Surveillance		
DCH	Diploma in Child Health	ICD	Inter Costal Drainage		
DEXA	Dual-Energy X-Ray Absorptiometry	ICU	Intensive Care Unit		





# Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for **LEVEL II-A**

IEM	Inborn Errors of Metabolism
iNO	Inhaled Nitric Oxide
IT-ratio	Immature-to-Total Neutrophil Ratio
IV	Intra Venous
KMC	Kangaroo Mother Care
LBW	Low Birth Weight
MBBS	Bachelor of Medicine and Bachelor of Surgery
MD	Doctor of Medicine
MRI	Magnetic Resonance Imaging
NIBP	Non-Invasive Blood Pressure (Monitoring)
NICU	Neonatal Intensive Care Unit
NNF	National Neonatology Forum
NRP	Neonatal Resuscitation Protocol
PICC	Peripherally Inserted Central Catheter
PKU	Phenylketonuria
RFLP	Restriction Fragment Length Polymorphism
ROP	Retinopathy of Prematurity

SET	Signal Extraction Technology
TORCHES	Acronym for Toxoplasmosis, Rubella, Cytomegalovirus, Herpes Simplex, Syphilis
TPN	Total Parenteral Nutrition
TSH	Thyroid Stimulating Hormone
VAP	Ventilator-Associated Pneumonia
VLBW	Very Low Birth Weight





# Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for LEVEL II-A

# FOR ASSESSORS USE ONLY

NOTE FOR ASSESSORS						
1) ASSESSOR'S ASSESSMENT is to be completed by the Assessors only upon inspection of the unit 2) Any other/ information that Assessor want to share should be mentioned in "Remarks" column						
Date of Assessor's Assessment (dd-mm-yyyy)						
Name & Organization of Assessor 1 (Team Leader)						
Name & Organization of Assessor 2						
Remarks/Final Comments by the Assessor/s:						
LETTER OF RECOMMENDATION						
То,						
Chairperson - NNF Accreditation Review Committee,						
I/We, have conducted onsite assessment of the applicant unit as per NNF's Accreditation Standards (2013 version) and recommend that this unit be given – full						
accreditation/ conditional accreditation* / no accreditation (please tick the appropriate level) as a LEVEL II-A UNIT.						
Signature of Assessor 1 (Team Leader)	Signature of Assessor 2					
Dated:						
	vants to see adherence to the protocols and processes is being continually followed by the unit at least for a ise inspection after this period to convert conditional accreditation to full accreditation.					





# Application Form cum Self-Assessment Toolkit & Assessor Reporting Format for **LEVEL II-A**

# FOR USE OF NNF OFFICE ONLY

TOTAL SCORE	MAX. SCORE	UNIT'S SCORE	PERCENT SCORE
MANDATORY (ALL DOMAINS)	ALL YES		ALL HAVE TO BE YES
ESSENTIAL (ALL DOMAINS)	57		%

<sup>\* 75%</sup> score required for accreditation for Level II-A unit is 43 out of 57