



DATA SHEET (NH4)

DOC. NO.		SHEET	1 OF 1
REV.	DATE	PREP'D	CHECKED
0			
1			
2			

PROJECT :
CLIENT :
SITE :
JOB NO. :

GENERAL					
1	TAG NO.				
2	QUANTITY	P&ID NO.			
3	SERVICE				
4	LINE SIZE	LINE SCHEDULE			
5	PIPE MATERIAL CLASS				
6	ENCLOSURE CLASS (IEC)				
7					

PROCESS CONDITIONS					
8	FLUID	STATE	Sewage		
9		UNIT	MAX	NOR	
10	INLET PRESSURE	KG/CM ² G		ATM.	
11	TEMPERATURE	DEG C			
12	VISCOSITY	cP			
13	OPERATING SPECIFIC GRAVITY				
14	% SOLID				

SENSOR					
15	MEASUREMENT PRINCIPAL	Ion selective electrode measurement technology			
16	MEASUREMENT RANGE	0.1 PPM to saturated			
17	pH RANGE	4~10 pH			
18	TEMP. RANGE	0~40 °C			
19	TEMP. COMPENSATION	Intergrated Automatic Temperature Compensation			
20	FLOW RANGE	300-1000 mL/min			
21	MAXIMUM PRESSURE	30 PSI			
22	RESISTANCE	100 megaohms			
23	RESPONSE TIME	95% response in 30 seconds			
24	FUNCTION	Support Software for Calibration			
25	INSTALLATION	Manifold			

TRANSMITTER					
26	MOUNTING	PANEL			
27	OUTPUT SIGNAL	4 ~ 20 mA			
28	POWER SUPPLY	AC 90~250V, 50/60Hz or DC 24V			
29	OPERATING TEMP.	0~45 °C			
30	ENCLOSURE CLASS (IEC)	IP 66			

ACCESSORIES					
31	MOUNTING BRACKET	YES			
32	CALIBRATION SET	YES			
33	SPECIAL CABLE	10 M			
34	CABLE GRAND	YES			

MANUFACTURER					
35	MANUFACTURER	NIVUS KOREA			
36	MODEL NAME.				

- NOTES:
1. Shall be include plant production and Certificate
 2. Shall be include Site Calibration.
 3. Shall be include Supply Operation & Maintenance Manual.
 4. Shall be included Local Panel (Carbon Steel and Powder Coating) & Breaker, Terminal, etc.
 5. Shall be include Power & Signal Arresters.
 6. Shall be include Supply Accessory materials for Installation (Bracket, Chain, Bolts, Nuts, etc.)
 7. Built-in Temperature Compensation Function