



# South Coast Air Quality Management District

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Ms. Lisa Davis  
Agency Specialist  
Lochinvar Corporation  
300 Maddox Simpson Parkway  
Lebanon, TN 37090

December 16, 2009

Subject: Rule 1146.2 Certification for Boilers/Water Heaters Type 1 and Type 2  
(Type 1  $\leq$ 400,000 Btu/Hr, Typ2  $>$ 400,000 to  $\leq$  2 MM Btu/Hr)

As requested in your recent E-mails and based on our telephone conversations on 12/16/09, I have prepared the attached table listing Rule 1146.2 compliant, Type 1 and Type 2, water heaters/boilers. These units are in compliance with NOx levels of 14 ng/J or 20 ppm of NOx emissions (at 3% O2) based on the original source test reports as indicated in the table. The compliance date for Type 1 is January 1, 2012, and for type 2 is January 1, 2010. Per Rule 1146.2, manufacturer cannot manufacture for use or offer for sale for use within the District any Type 2 or Type 1 unit unless the unit is certified to meet this low NOx levels by the corresponding compliance dates.

Please note that the District does not endorse or warrant any specific product or manufacturer. Modification of the products listed above will void this certification. If you have any questions or require further assistance, please contact Raman Patel at (909) 396-2466 or by e-mail at [rpatel@aqmd.gov](mailto:rpatel@aqmd.gov).

Sincerely,

A handwritten signature in black ink that reads "Raman C. Patel".

Raman C. Patel, P.E.  
Senior Air Quality Engineer  
Area Sources (PRDAS)

cc: File:Lochinvar

**LOCHINVAR CORPORATION**

**SCAQMD RULE 1146.2 CERTIFICATION LIST**  
 (Certified @ 14 ng/J or 20 ppm NOx)

MODEL #	FAMILY NAME	TYPE / CONDITION	S/T REPORT DATE	SCAQMD S/T #	ORIGINAL CERTIFICATE LETTER DATE
P(B,F)N0501	Power-Fin	Type 2 / Hot Water Boiler	2/21/2005	R05102	5/12/2005
P(B,F)N0751	Power-Fin	Type 2 / Hot Water Boiler	2/21/2005		
P(B,F)N1001	Power-Fin	Type 2 / Hot Water Boiler	2/21/2005		
P(B,F)N1300	Power-Fin	Type 2 / Hot Water Boiler	2/21/2005		
P(B,F)N0502	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007	R07063	9/11/2007
P(B,F)N0752	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007		
P(B,F)N1002	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007		
P(B,F)N1302	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007	R00309	3/30/2001
I(B,W)N1500	Intelli-Fin	Type 2 / Hot Water Boiler	7/27/2000		
I(B,W)N1700	Intelli-Fin	Type 2 / Hot Water Boiler	7/27/2000		
I(B,W)N2000	Intelli-Fin	Type 2 / Hot Water Boiler	7/27/2000	R07063	3/29/2007
P(B,F)N1501	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007		
P(B,F)N1701	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007	R99237 / R08243	1-24-2001 / 11-15-2002 / 7-31-2008
P(B,F)N2001	Power-Fin	Type 2 / Hot Water Boiler	2/21/2007		
C(B,W)N0495	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N0645	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N0745	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N986	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N1256	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N1436	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N1796	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(B,W)N2066	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N0401	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N0501	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		

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**SCAQMD RULE 1146.2 CERTIFICATION LIST**  
(Certified @ 14 ng/J or 20 ppm NOx)

MODEL #	FAMILY NAME	TYPE / CONDITION	SIT REPORT DATE	SCAQMD S/T #	ORIGINAL CERTIFICATE LETTER DATE
C(H,F,P)N0651	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008	R99237 / R08243	1-24-2001 / 11-15-2002 / 7-31-2008
C(H,F,P)N0751	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N0991	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N1261	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N1441	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N1801	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
C(H,F,P)N2071	Copper-Fin	Type 2 / Hot Water Boiler	5/30/2008		
KBN080	Knight	Type 1 / Hot Water Boiler	9/19/2008	R05338 / R08437	12-02-2005 / 6-28-2007 / 4-24-2007 / 3/14/2006 / 8/19/2008 / 1/28/2009
KBN105	Knight	Type 1 / Hot Water Boiler	9/19/2008		
KBN150	Knight	Type 1 / Hot Water Boiler	9/19/2008		
KBN210	Knight	Type 1 / Hot Water Boiler	9/19/2008		
KBN285	Knight	Type 1 / Hot Water Boiler	9/19/2008		
KBN399	Knight	Type 1 / Hot Water Boiler	9/19/2008		
KBN500	Knight	Type 2 / Hot Water Boiler	8/17/2005		
WBN050	Knight Wall Mount	Type 1 / Hot Water Boiler	9/19/2008		
WBN080	Knight Wall Mount	Type 1 / Hot Water Boiler	9/19/2008		
WBN105	Knight Wall Mount	Type 1 / Hot Water Boiler	9/19/2008		
WBN150	Knight Wall Mount	Type 1 / Hot Water Boiler	9/19/2008		
WBN210	Knight Wall Mount	Type 1 / Hot Water Boiler	9/19/2008		
AWN150	Armor	Type 1 / Hot Water Boiler	9/19/2008		
AWN199	Armor	Type 1 / Hot Water Boiler	9/19/2008		
AWN285	Armor	Type 1 / Hot Water Boiler	9/19/2008		

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## SCAQMD RULE 1146.2 CERTIFICATION LIST (Certified @ 14 ng/J or 20 ppm NOx)

MODEL #	FAMILY NAME	TYPE / CONDITION	S/T REPORT DATE	SCAQMD S/T #	ORIGINAL CERTIFICATE LETTER DATE
AWN399	Armor	Type 1 / Hot Water Boiler	9/19/2008	R05338 / R08437	12-02-2005 / 6-28-2007 / 4-24-2007 / 3/14/2006 / 8/19/2008 / 1/28/2009
AWN500	Armor	Type 2/ Hot Water Boiler	8/17/2005		
SNR150-100	Shield	Type 1 / Hot Water Boiler	9/19/2008		
SNR200-100	Shield	Type 1 / Hot Water Boiler	9/19/2008		
SNA285-125	Shield	Type 1 / Hot Water Boiler	9/19/2008		
SNA400-125	Shield	Type 1 / Hot Water Boiler	9/19/2008		
SNA500-125	Shield	Type 2/ Hot Water Boiler	8/17/2005		
KBN600	Knight XL	Type 2/ Hot Water Boiler	3/5/2008		
KBN700	Knight XL	Type 2/ Hot Water Boiler	3/5/2008		
KBN800	Knight XL	Type 2/ Hot Water Boiler	3/5/2008		
SBN1000	Sync	Type 2/ Hot Water Boiler	12/3/2008	R08118	5/7/2008
SBN1300	Sync	Type 2/ Hot Water Boiler	12/3/2008		
SBN1500	Sync	Type 2/ Hot Water Boiler	12/3/2008		
				R08442	2/3/2009