

**Experiment Number:** 20213 - 02  
**Test Type:** 39-WEEK  
**Route:** RESPIRATORY EXPOSURE WHOLE BODY  
**Species/Strain:** RATS/HSD

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**  
Abrasive blasting agents (blasting sand)  
**CAS Number:** BLASTINGSAND

**Date Report Requested:** 03/20/2012  
**Time Report Requested:** 13:25:31  
**First Dose M/F:** 04/20/09 / NA  
**Lab:** BNW

F1\_4 Wk. SSAC

**NTP Study Number:** C20213  
**Lock Date:** 08/17/2010  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** 25017 SSAC  
**Removal Date Range:** 15-May-2009 - 15-May-2009  
**Treatment Groups:** Include ALL  
**Study Gender:** Male  
**TDMSE Version:** 2.6.0.0\_007  
**PWG Approval Date:** NONE

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Harlan Sprague Dawley RATS MALE

Control

15 mg/m3

30 mg/m3

60 mg/m3

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## Disposition Summary

Animals Initially In Study	62	62	62	62
Scheduled Sacrifice	8	8	8	8
Early Deaths				
Survivors				
Animals Examined Microscopically	8	8	8	8

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## ALIMENTARY SYSTEM

None

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## CARDIOVASCULAR SYSTEM

None

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## ENDOCRINE SYSTEM

None

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## GENERAL BODY SYSTEM

None

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## GENITAL SYSTEM

None

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## HEMATOPOIETIC SYSTEM

Lymph Node, Bronchial	(8)	(8)	(8)	(7)
Lymph Node, Mediastinal	(4)	(5)	(7)	(6)

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a - Number of animals examined microscopically at site and number of animals with lesion

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INTEGUMENTARY SYSTEM

None

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MUSCULOSKELETAL SYSTEM

None

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NERVOUS SYSTEM

None

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RESPIRATORY SYSTEM

	Control	15 mg/m3	30 mg/m3	60 mg/m3
Larynx	(8)	(8)	(8)	(8)
Lung	(8)	(8)	(8)	(8)
Foreign Body		8 (100%)	8 (100%)	8 (100%)
Infiltration Cellular, Histiocyte	1 (13%)	1 (13%)	4 (50%)	8 (100%)
Inflammation, Chronic Active		2 (25%)	2 (25%)	3 (38%)
Metaplasia, Osseous		1 (13%)	2 (25%)	1 (13%)
Alveolar Epithelium, Hyperplasia, Focal				1 (13%)
Nose	(8)	(8)	(8)	(8)
Olfactory Epithelium, Accumulation, Hyaline Droplet		2 (25%)	3 (38%)	2 (25%)
Olfactory Epithelium, Metaplasia, Respiratory		1 (13%)		
Trachea	(8)	(8)	(8)	(8)

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SPECIAL SENSES SYSTEM

None

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URINARY SYSTEM

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\*\*\* END OF REPORT \*\*\*

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