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Nota di contenuto	Controlling Hydrocarbon Emissions from Tank Vessel Loading; Copyright; PREFACE; ACKNOWLEDGMENTS; Contents; EXECUTIVE SUMMARY; THE FEASIBILITY OF VAPOR CONTROL; SAFETY AND OPERATIONAL COMPLEXITY; COSTS AND ECONOMIC IMPACTS; POTENTIAL REGULATORY CONFLICT; CONCLUSIONS AND RECOMMENDATIONS; 1 INTRODUCTION; LAWS AND REGULATIONS CONCERNING AIR QUALITY AND MARITIME SAFETY; The Clean Air Act and the States; Coast Guard Authority in Marine Safety; ESTIMATING EMISSIONS; Sources of Emissions; Emission Factors; Vessel Population; Trade; Emissions Calculations; Locations of Emissions Loading Ports for Domestic Oil and Gasoline; Loading Ports for Crude Oil and Gasoline Exports; FOCUS FOR ASSESSMENT; 2 CURRENT PRACTICES ON TANK VESSELS; INLAND TANK BARGES; Cargo Handling; Manning Requirements for Loading and Unloading; Loading and Discharging Procedures; TANKSHIPS; Arrangement of Typical Tankship; Combination Carriers; Ocean Barges; Cargo Tank and Pipeline Arrangements; Product and Chemical Carriers; Crude Carriers; Cargo Pumps; Tank Ventilation; Inert Gas Systems; Ballast Arrangements; Segregated Ballast Tanks; Clean Ballast Tanks; Ballast in Cargo Tanks Ullaging During Loading and Discharging; Manning and Personnel;

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