CLAIMS

[Claim 1] A traceability data management system for hydrogen supplied through a plurality of histories, the traceability data management system comprising:

a history information receiver that receives first history information associated with an intentional change in history of hydrogen and second history information associated with an unintentional change in history of hydrogen;

a storage device that stores history data including the first history information, the second history information, and an ID; and

a data manager that controls generation and rewriting of the history data, wherein the data manager generates history data including a newly issued ID when the first history information is changed and rewrites the history data while maintaining the ID when the second history information is changed.

[Claim 2] The traceability data management system for hydrogen according to claim 1, wherein

the first history information includes information received when hydrogen is produced or cargo handled.

[Claim 3] The traceability data management system for hydrogen according to claim 1 or 2, wherein

the second history information includes an amount of variation in hydrogen or an amount of variation in greenhouse gas caused through a history of hydrogen.

[Claim 4] The traceability data management system for hydrogen according to any one of claims 1 to 3, wherein

the history data includes an amount of hydrogen or an amount of greenhouse gas when the ID is issued.

[Claim 5] The traceability data management system for hydrogen according to

any one of claims 1 to 4, wherein

the second history information includes an amount of variation in hydrogen or an amount of variation in greenhouse gas caused through a history of hydrogen,

the history data includes an amount of hydrogen or an amount of greenhouse gas when the ID is issued, and

the data manager registers, when the ID is issued, the amount of hydrogen or the amount of greenhouse gas based on an amount of hydrogen or an amount of greenhouse gas when the ID is issued included in history data before the ID is issued and the amount of variation in hydrogen or the amount of variation in greenhouse gas.

[Claim 6] The traceability data management system for hydrogen according to any one of claims 1 to 5, wherein

the second history information includes an amount of variation in greenhouse gas caused through a history of hydrogen,

the storage device stores activity amount data including greenhouse gas generation information associated with a history of hydrogen, and

the data manager rewrites the amount of variation in greenhouse gas based on the greenhouse gas generation information.

[Claim 7] The traceability data management system for hydrogen according to claim 6, wherein

the activity amount data includes greenhouse gas generation information resulting from storage or transportation of hydrogen.

[Claim 8] A traceability data management method for hydrogen supplied through a plurality of histories, the traceability data management method comprising:

a computer

receiving first history information associated with an intentional change

in history of hydrogen and second history information associated with an unintentional change in history of hydrogen;

storing, in a storage device, history data including a newly issued ID when the first history information is changed; and

rewriting the history data stored in the storage device while maintaining the ID when the second history information is changed.