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|  | | ISO FORM 4 |
| **NEW WORK ITEM PROPOSAL (NP)** |
| **DATE OF CIRCULATION:** Click here to enter a date. | | **CLOSING DATE FOR VOTING:** Click here to enter a date. |
| **PROPOSER:**  ISO member body:  International Organization for Standardization/Water Reuse Committee/Sub-Committee on Urban Water Reuse  Committee, liaison or other:  Click or tap here to enter text. | | **REFERENCE NUMBER:** Click or tap here to enter text.  **WITHIN EXISTING COMMITTEE**  Document Number: Click or tap here to enter text.  Committee Secretariat: Click or tap here to enter text.  **PROPOSAL FOR A NEW PC** |
| A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee.  A proposal for a new project committee shall be submitted to the Central Secretariat, which will process the proposal in accordance with ISO/IEC Directives, Part 1,[Clause 2.3](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top).2.  Guidelines for proposing and justifying new work items or new fields of technical activity (Project Committee) are given in ISO/IEC Directives, Part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top).  **IMPORTANT NOTE:** Proposals without adequate justification and supporting information risk rejection or referral to the originator. | | |
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| **PROPOSAL**  (to be completed by the proposer, following discussion with committee leadership if appropriate) | | |
| English title | | |
| **The evaluation method of odour emission in water reuse** | | |
| French title | | |
| Click or tap here to enter text.  (Please see ISO/IEC Directives, Part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top), Clause C.4.2).  In case of amendment, revision or a new part of an existing document, please include the reference number and current title | | |
| **SCOPE**  (Please see ISO/IEC Directives, Part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top), Clause C.4.3) | | |
| This evaluation method specifies the relevant terms, definitions, principles, sampling methods, sample pretreatment methods and inspection record standards for the detection and evaluation of odor pollution in the process of water treatment and reuse. This evaluation method fully considers the testing needs of different environments, different samples and different components, and comprehensively considers the possibility of odor pollution in all aspects of water treatment and reuse. The purpose of preparing the evaluation method is to give a quantitative evaluation method for the odor gas in the whole process scientifically and reasonably, to facilitate the screening and comparison of technologies in the industry, to facilitate the horizontal comparison of various pollution removal methods, and to facilitate the supervision and law enforcement of the national regulatory authorities.  Specific work content and main responsibilities are as follows: scope of application, terms and definitions, sampling point and sampling frequency of odor gas, sampling method of odor gas, sample pretreatment and analysis method, monitoring results and records, quality assurance and quality control. | | |
| **PURPOSE AND JUSTIFICATION**  (Please see ISO/IEC Directives, Part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top) and additional guidance on justification statements in the brochure [Guidance on New Work](https://www.iso.org/publication/PUB100438.html)) | | |
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| One of the negative factors that seriously affect the safety of water quality is the odor pollution in the process of water reuse. The establishment of a scientific and reasonable odor pollution assessment method can promote the control of odor pollution in the process of water reuse, and ensure the safety of water quality.  The purpose of this proposal is to provide a basis and method for the normative evaluation of the degree of odor pollution in the process of water reuse, and to provide a quantitative evaluation standard for the comprehensive evaluation of the generation and treatment effect of odor pollution in the above process. The daily output of water reuse is increasing with the advancement of industrialization and urbanization. The development of relevant technologies in various countries has been plagued by the difficult assessment of odor pollution in the process of water reuse and the high requirements of disposal conditions. How to conduct scientific and reasonable evaluation of the disposal effect of odor pollution in this process, and can give unified evaluation results, so as to quantify the disposal efficiency of various disposal methods, and facilitate the screening of technical advantages and disadvantages. The standardization and unification of evaluation methods is the inevitable trend of the development of the industry, and is an important basis for the scientific and reasonable management of the development of industry and commerce by the national administrative departments. Therefore, the evaluation method of odor pollution in the process of water reuse is necessary.  The above facts prove the feasibility of this proposal. Hence, it is worth noting that the later this approach is released, the more difficult it will become for companies to compare the efficiency of new technologies and methods for odor pollution disposal in water reuse, and national management departments at all levels are also difficult to define the effects of water reuse. This work needs to be carried out immediately, taking into account the current evaluation methodology. | | |
| **PROPOSED PROJECT LEADER** (name and email address) | | |
| Can Wang  School of Environmental Science and Engineering, Tianjin University, China  E-mail：wangcan@tju.edu.cn | | |
| **PROPOSER** (including contact information of the proposer’s representative) | | |
| Dr. XIAO Han, Director General, Department of Standards Innovative Management, SAMR/SAC sac\_82261017@126.com | | |
|  | **The proposer confirms that this proposal has been drafted in compliance with ISO/IEC Directives, Part 1, Annex C** | |
| **PROJECT MANAGEMENT**  Preferred document   |  |  | | --- | --- | |  | International Standard | |  | Technical Specification | |  | Publicly Available Specification\* |   \* While a formal NP ballot is not required (no eForm04), the NP form may provide useful information for the committee P-members to consider when deciding to initiate a Publicly Available Specification.  Proposed Standard Development Track (SDT – to be discussed by the proposer with the committee manager or ISO/CS)  18 months  24 months  36 months  Proposed date for first meeting: 2024-12-01  Proposed TARGET dates for key milestones   * Circulation of 1st Working Draft (if any) to experts: 2025-04-30 * Committee Draft consultation (if any): 2025-11-30 * DIS submission\*: 2026-03-31 * Publication\*: 2026-05-31   \* Target Dates for DIS submission and Publication should be set a few weeks ahead of the limit dates automatically determined when selecting the SDT.  It is proposed that this DOCUMENT will be developed by:   |  |  | | --- | --- | |  | An existing Working Group, add title Click or tap here to enter text. | |  | A new Working Group Click or tap here to enter text.  *(Note that the establishment of a new Working Group requires approval by the parent committee by a resolution)* | |  | The TC/SC directly | |  | To be determined | |  | This proposal relates to a new ISO document | |  |  | |  | This proposal relates to the adoption, as an active project, of an item currently registered as a Preliminary Work Item | |  | This proposal relates to the re-establishment of a cancelled project as an active project | |  | Other: Click or tap here to enter text. |   Additional guidance on project management is available [here](https://connect.iso.org/display/standards/Project+management). | | |
| **PREPARATORY WORK**   |  |  | | --- | --- | |  | A draft is attached | |  | An existing document serving as the initial basis is attached | |  | An outline is attached | |  | Note: at minimum an outline of the proposed document is required |   The proposer is prepared to undertake the preparatory work required:  Yes  No  If a draft is attached to this proposal:  Please select from one of the following options:   |  |  | | --- | --- | |  | The draft document can be registered at Preparatory stage (WD – stage 20.00) | |  | The draft document can be registered at Committee stage (CD – stage 30.00) | |  | The draft document can be registered at enquiry stage (DIS – stage 40.00) | |  |  | |  | If the attached document is copyrighted or includes copyrighted content, the proposer confirms that copyright permission has been granted for ISO to use this content in compliance with [clause 2.13](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top) of ISO/IEC Directives, Part 1 (see also the [Declaration on copyright](https://www.iso.org/declaration-for-participants-in-iso-activities.html)). | | | |
| **RELATION OF THE PROPOSAL TO EXISTING INTERNATIONAL STANDARDS AND ON-GOING STANDARDIZATION WORK**  To the best of your knowledge, has this or a similar proposal been submitted to another standards development organization or to another ISO committee?  Yes  No  If Yes, please specify which one(s) Click or tap here to enter text.  The proposer has checked whether the proposed scope of this new project overlaps with the scope of any existing ISO project  If an overlap or the potential for overlap is identified, the proposer and the leaders of the existing project have discussed on:   1. modification/restriction of the scope of the proposal to avoid overlapping, 2. potential modification/restriction of the scope of the existing project to avoid overlapping.   If agreement with parties responsible for existing project(s) has not been reached, please explain why the proposal should be approved Click or tap here to enter text.  Has a proposal on this subject already been submitted within an existing committee and rejected? If so, what were the reasons for rejection? Click or tap here to enter text.  This project may require possible joint/parallel work with  IEC (please specify the committee) Click or tap here to enter text.  CEN (please specify the committee) Click or tap here to enter text.  Other (please specify) Click or tap here to enter text. | | |
| **Select any UN Sustainable Development Goals (SDGs) that this proposed project would support** (information about SDGs, is available at [www.iso.org/SDGs](http://www.iso.org/SDGs)) and explain how the proposed document relates to the identified SDG(s) and their associated targets.  GOAL 1: No Poverty  Click or tap here to enter text.  GOAL 2: Zero Hunger  Click or tap here to enter text.  GOAL 3: Good Health and Well-being  Click or tap here to enter text.  GOAL 4: Quality Education  Click or tap here to enter text.  GOAL 5: Gender Equality  Click or tap here to enter text.  GOAL 6: Clean Water and Sanitation  Click or tap here to enter text.  GOAL 7: Affordable and Clean Energy  Click or tap here to enter text.  GOAL 8: Decent Work and Economic Growth  Click or tap here to enter text.  GOAL 9: Industry, Innovation and Infrastructure  Click or tap here to enter text.  GOAL 10: Reduced Inequality  Click or tap here to enter text.  GOAL 11: Sustainable Cities and Communities  Click or tap here to enter text.  GOAL 12: Responsible Consumption and Production  Click or tap here to enter text.  GOAL 13: Climate Action  Click or tap here to enter text.  GOAL 14: Life Below Water  Click or tap here to enter text.  GOAL 15: Life on Land  Click or tap here to enter text.  GOAL 16: Peace, Justice and strong institutions  Click or tap here to enter text.  GOAL 17: Partnerships for the goals  Click or tap here to enter text.  No SDG concerned | | |
| **Identification and description of relevant affected stakeholder categories**  (Please see [ISO CONNECT](https://connect.iso.org/display/standards/Stakeholders+and+liaisons))   |  |  | | --- | --- | |  | Benefits/Impacts/Examples | | Industry and commerce – large industry | This method will provide standardized sampling, monitoring and monitoring methods to obtain a scientific and reasonable evaluation method. At the same time, it provides a standardized testing reference basis for the technical update of the industry, and provides a scientific and reasonable evaluation means for the supervision of the industry. | | Industry and commerce – SMEs | By providing standardized sampling, monitoring and monitoring methods, this method will obtain scientific and reasonable evaluation methods, provide standardized testing reference basis for industry technology update, and improve the utilization efficiency of recycled water and save operating costs. | | Government | This evaluation method will provide a basis for government managers to make decisions on government planning and design in the treatment of odor pollution in the process of water treatment and reuse. | | Consumers | The evaluation method will guide users to comprehensively and accurately evaluate the management requirements and emergency management methods of odor pollution treatment in the process of water reuse, ensure the safety and efficiency of reodorous gas disposal, and save operating costs. | | Labour | Click or tap here to enter text. | | Academic and research bodies | This evaluation method will standardize the evaluation method of odor pollution in the process of water reuse, which is conducive to the detection and evaluation means of odor gas, facilitate the horizontal comparison between various technologies, improve the adaptability and efficiency of technology application, and thus save operating costs. | | Standards application businesses | Click or tap here to enter text. | | Non-governmental organizations | Click or tap here to enter text. | | Other (please specify) | Water management practitioners, water treatment users and the water environment can all benefit from the assessment method of odor pollution during water treatment and reuse. | |  |  | | | |
| **Listing of countries where the subject of the proposal is important for their national commercial interests** (Please see ISO/IEC Directives, Part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top), Clause C.4.8)  ISO/TC224 | | |
| **Listing of external international organizations or internal parties (other ISO and/or IEC committees) to be engaged in this work** (Please see ISO/IEC Directives, part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top), Clause C.4.9)  Click or tap here to enter text. | | |
| **Listing of relevant documents (such as standards and regulations) at international, regional and national level** (Please see ISO/IEC Directives, Part 1, [Annex C](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top), Clause C.4.6)  Click or tap here to enter text. | | |
| **ADDITIONAL INFORMATION**  **Maintenance Agencies (MAs) and Registration Authorities (RAs)**   |  |  | | --- | --- | |  | This proposal requires the designation of a maintenance agency. If so, please identify the potential candidate: | |  | Click or tap here to enter text. | |  | This proposal requires the designation of a registration authority. If so, please identify the potential candidate | |  | Click or tap here to enter text. |   NOTE: Selection and appointment of the MA or RA are subject to the procedure outlined in ISO/IEC Directives, Part 1, [Annex G](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top) and [Annex H](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top).  **Known patented Items** (Please see ISO/IEC Directives, Part 1, [Clause 2.14](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top))  Yes  No  If Yes, provide full information as an annex  The outline of the evaluation method of odour emission in water reuse is attached  **Is this proposal for an ISO management System Standard (MSS)?**  Yes  No  Note: If yes, this proposal must have an accompanying justification study. Please see the Consolidated Supplement to the ISO/IEC Directives, Part 1, [Annex SL](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top) or [Annex JG](https://www.iso.org/resources/publicly-available-resources.html?t=712usHn2eATZXjtj0c3FIJ16gvWZXP-_fykOV8H1WAolmA84oAGBwILzOVFUEc46&view=documents#section-isodocuments-top) | | |